



Full wwPDB NMR Structure Validation Report ⓘ

Jun 3, 2023 – 11:51 AM EDT

PDB ID : 2LE9
BMRB ID : 17704
Title : RAGEC2-S100A13 tetrameric complex
Authors : Rani, S.G.; Mohan, S.K.; Yu, C.
Deposited on : 2011-06-14

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

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A user guide is available at

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with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

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

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

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

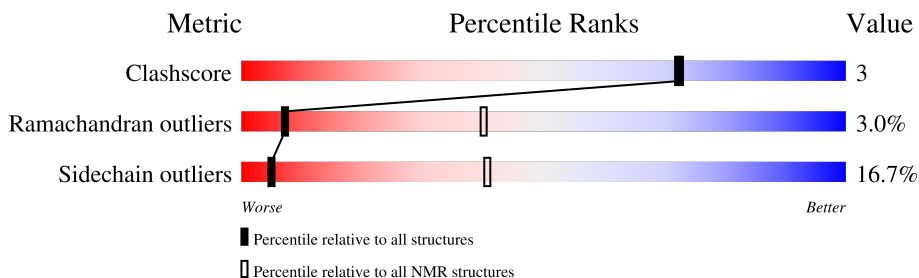
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 19%.

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



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

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

Mol	Chain	Length	Quality of chain
1	A	93	
1	D	93	
2	B	97	
2	C	97	

2 Ensemble composition and analysis

This entry contains 1 models. Identification of well-defined residues and clustering analysis are not possible.

3 Entry composition

There are 2 unique types of molecules in this entry. The entry contains 5932 atoms, of which 2980 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Advanced glycosylation end product-specific receptor.

Mol	Chain	Residues	Atoms					Trace	
			Total	C	H	N	O		S
1	A	93	1342	426	665	110	138	3	0
1	D	93	1342	426	665	110	138	3	0


- Molecule 2 is a protein called Protein S100-A13.

Mol	Chain	Residues	Atoms					Trace	
			Total	C	H	N	O		S
2	B	97	1624	507	825	135	156	1	0
2	C	97	1624	507	825	135	156	1	0

4 Residue-property plots [i](#)

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

- Molecule 1: Advanced glycosylation end product-specific receptor

Chain A:  85% 13%



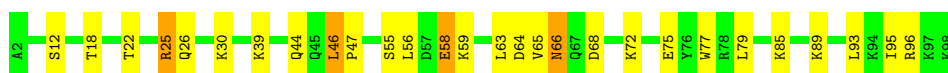
- Molecule 1: Advanced glycosylation end product-specific receptor

Chain D:  76% 23%



- Molecule 2: Protein S100-A13

Chain B:  71% 25%



- Molecule 2: Protein S100-A13

Chain C:  68% 31%



5 Refinement protocol and experimental data overview

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

Of the 4000 calculated structures, 1 were deposited, based on the following criterion: *structures with the lowest energy*.

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

Software name	Classification	Version
ARIA	structure solution	1.2 & 2.2
ARIA	refinement	1.2 & 2.2
CNS	refinement	1.2
CNS	structure solution	1.2

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	992
Number of shifts mapped to atoms	992
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	19%

6 Model quality i

6.1 Standard geometry i

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts i

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	677	665	659	2
1	D	677	665	659	6
2	B	799	825	821	7
2	C	799	825	821	7
All	All	2952	2980	2960	20

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 3.

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

Atom-1	Atom-2	Clash(Å)	Distance(Å)
1:D:68:THR:HB	1:D:85:ALA:HB1	0.77	1.57
2:C:86:GLU:O	2:C:90:LYS:HB2	0.58	1.99
1:D:10:LEU:HD13	1:D:29:CYS:SG	0.53	2.44
1:A:74:THR:HA	1:A:79:GLY:O	0.52	2.03
1:D:31:VAL:HB	1:D:34:GLN:O	0.51	2.05
1:A:10:LEU:HG	1:A:29:CYS:SG	0.49	2.47
2:B:46:LEU:N	2:B:47:PRO:CD	0.45	2.79
1:D:72:VAL:HA	1:D:81:GLN:O	0.45	2.11
1:D:41:TRP:CZ2	1:D:56:LEU:HB2	0.44	2.47
2:C:46:LEU:N	2:C:47:PRO:CD	0.44	2.80
2:B:77:TRP:NE1	2:C:81:GLY:HA3	0.44	2.28
2:B:22:THR:O	2:B:25:ARG:HD3	0.43	2.14

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Atom-1	Atom-2	Clash(Å)	Distance(Å)
2:B:63:LEU:HD21	2:B:79:LEU:HB2	0.43	1.90
2:C:63:LEU:HD21	2:C:79:LEU:HB2	0.42	1.89
2:B:64:ASP:O	2:B:66:ASN:N	0.42	2.53
2:C:29:ARG:HD3	1:D:78:HIS:O	0.42	2.15
2:B:58:GLU:OE2	2:B:59:LYS:HG3	0.41	2.15
2:C:25:ARG:O	2:C:25:ARG:HG2	0.41	2.14
2:C:46:LEU:N	2:C:47:PRO:HD3	0.41	2.31
2:B:63:LEU:HG	2:B:75:GLU:O	0.40	2.17

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	91/93 (98%)	78 (86%)	11 (12%)	2 (2%)	10	49
1	D	91/93 (98%)	82 (90%)	6 (7%)	3 (3%)	6	37
2	B	95/97 (98%)	80 (84%)	12 (13%)	3 (3%)	7	38
2	C	95/97 (98%)	76 (80%)	16 (17%)	3 (3%)	7	38
All	All	372/380 (98%)	316 (85%)	45 (12%)	11 (3%)	7	40

All 11 Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type
1	A	37	PRO
1	A	79	GLY
2	B	46	LEU
2	B	65	VAL
2	B	95	ILE
2	C	44	GLN
2	C	91	LYS
2	C	95	ILE
1	D	37	PRO
1	D	46	VAL
1	D	52	PRO

6.3.2 Protein sidechains [i](#)

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	78/78 (100%)	68 (87%)	10 (13%)	7	49
1	D	78/78 (100%)	69 (88%)	9 (12%)	9	52
2	B	90/90 (100%)	73 (81%)	17 (19%)	4	36
2	C	90/90 (100%)	70 (78%)	20 (22%)	3	30
All	All	336/336 (100%)	280 (83%)	56 (17%)	5	41

All 56 residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type
1	A	5	LEU
1	A	10	LEU
1	A	26	THR
1	A	68	THR
1	A	69	TYR
1	A	71	CYS
1	A	76	SER
1	A	83	SER
1	A	87	SER
1	A	89	SER
2	B	12	SER
2	B	18	THR
2	B	25	ARG
2	B	26	GLN
2	B	30	LYS
2	B	39	LYS
2	B	44	GLN
2	B	55	SER
2	B	56	LEU
2	B	58	GLU
2	B	66	ASN
2	B	68	ASP
2	B	72	LYS
2	B	85	LYS
2	B	89	LYS

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Mol	Chain	Res	Type
2	B	93	LEU
2	B	96	ARG
2	C	12	SER
2	C	14	GLU
2	C	18	THR
2	C	25	ARG
2	C	27	GLU
2	C	32	SER
2	C	39	LYS
2	C	43	THR
2	C	51	LYS
2	C	55	SER
2	C	56	LEU
2	C	58	GLU
2	C	60	MET
2	C	66	ASN
2	C	68	ASP
2	C	72	LYS
2	C	73	PHE
2	C	89	LYS
2	C	93	LEU
2	C	96	ARG
1	D	7	GLU
1	D	26	THR
1	D	42	MET
1	D	56	LEU
1	D	71	CYS
1	D	76	SER
1	D	77	SER
1	D	83	SER
1	D	87	SER

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates [i](#)

There are no monosaccharides in this entry.

6.6 Ligand geometry [i](#)

There are no ligands in this entry.

6.7 Other polymers [i](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

7 Chemical shift validation [i](#)

The completeness of assignment taking into account all chemical shift lists is 19% for the well-defined parts and 19% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping [i](#)

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

Total number of shifts	992
Number of shifts mapped to atoms	992
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	2

7.1.2 Chemical shift referencing [i](#)

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction \pm precision, ppm	Suggested action
$^{13}\text{C}_\alpha$	91	3.06 ± 0.17	Should be applied
$^{13}\text{C}_\beta$	77	2.60 ± 0.19	Should be applied
$^{13}\text{C}'$	75	3.16 ± 0.22	Should be applied
^{15}N	74	-0.67 ± 0.36	None needed (imprecise)

7.1.3 Completeness of resonance assignments [i](#)

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 19%, i.e. 990 atoms were assigned a chemical shift out of a possible 5124. 0 out of 72 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^1H	^{13}C	^{15}N
Backbone	408/1862 (22%)	168/754 (22%)	166/760 (22%)	74/348 (21%)
Sidechain	582/3014 (19%)	399/1958 (20%)	183/966 (19%)	0/90 (0%)

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	Total	¹H	¹³C	¹⁵N
Aromatic	0/248 (0%)	0/122 (0%)	0/106 (0%)	0/20 (0%)
Overall	990/5124 (19%)	567/2834 (20%)	349/1832 (19%)	74/458 (16%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 19%, i.e. 990 atoms were assigned a chemical shift out of a possible 5124. 0 out of 72 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	¹H	¹³C	¹⁵N
Backbone	408/1862 (22%)	168/754 (22%)	166/760 (22%)	74/348 (21%)
Sidechain	582/3014 (19%)	399/1958 (20%)	183/966 (19%)	0/90 (0%)
Aromatic	0/248 (0%)	0/122 (0%)	0/106 (0%)	0/20 (0%)
Overall	990/5124 (19%)	567/2834 (20%)	349/1832 (19%)	74/458 (16%)

7.1.4 Statistically unusual chemical shifts [i](#)

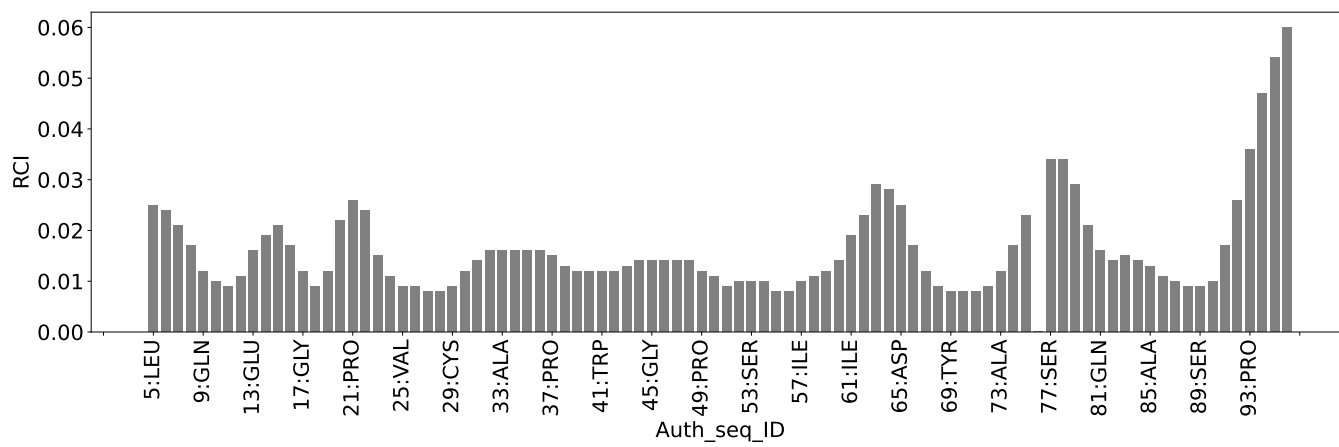
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, ppm	Expected range, ppm	Z-score
1	A	51	PRO	CA	55.57	55.85 – 70.84	-5.2
1	A	43	LYS	HG3	0.02	0.04 – 2.67	-5.1

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

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

Random coil index (RCI) for chain A:



8 NMR restraints analysis [i](#)

8.1 Conformationally restricting restraints [i](#)

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

Description	Value
Total distance restraints	116
Intra-residue ($ i-j =0$)	0
Sequential ($ i-j =1$)	0
Medium range ($ i-j >1$ and $ i-j <5$)	0
Long range ($ i-j \geq 5$)	0
Inter-chain	116
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.3
Number of long range restraints per residue ¹	0.0

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

8.2 Residual restraint violations [i](#)

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

8.2.1 Average number of distance violations per model [i](#)

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	None	None
0.2-0.5 (Medium)	2.0	0.5
>0.5 (Large)	113.0	33.73

8.2.2 Average number of dihedral-angle violations per model

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

9 Distance violation analysis

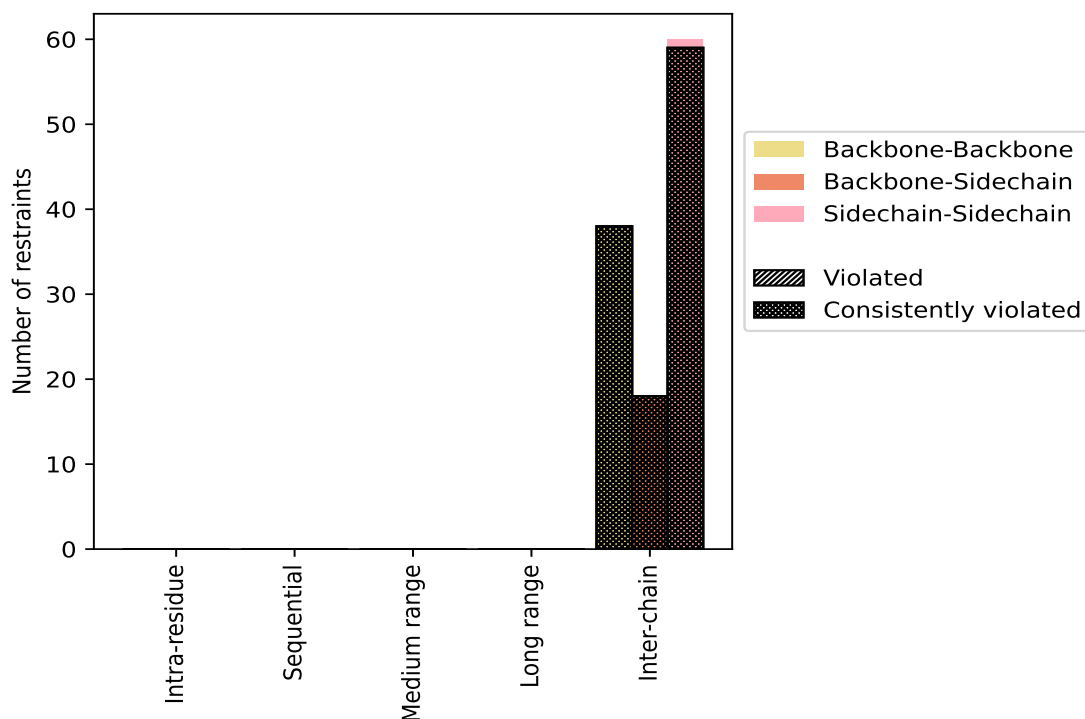
9.1 Summary of distance violations

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

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue (i-j =0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (i-j =1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (i-j >1 & i-j <5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (i-j ≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	116	100.0	115	99.1	99.1	115	99.1	99.1
Backbone-Backbone	38	32.8	38	100.0	32.8	38	100.0	32.8
Backbone-Sidechain	18	15.5	18	100.0	15.5	18	100.0	15.5
Sidechain-Sidechain	60	51.7	59	98.3	50.9	59	98.3	50.9
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	116	100.0	115	99.1	99.1	115	99.1	99.1
Backbone-Backbone	38	32.8	38	100.0	32.8	38	100.0	32.8
Backbone-Sidechain	18	15.5	18	100.0	15.5	18	100.0	15.5
Sidechain-Sidechain	60	51.7	59	98.3	50.9	59	98.3	50.9

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

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



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

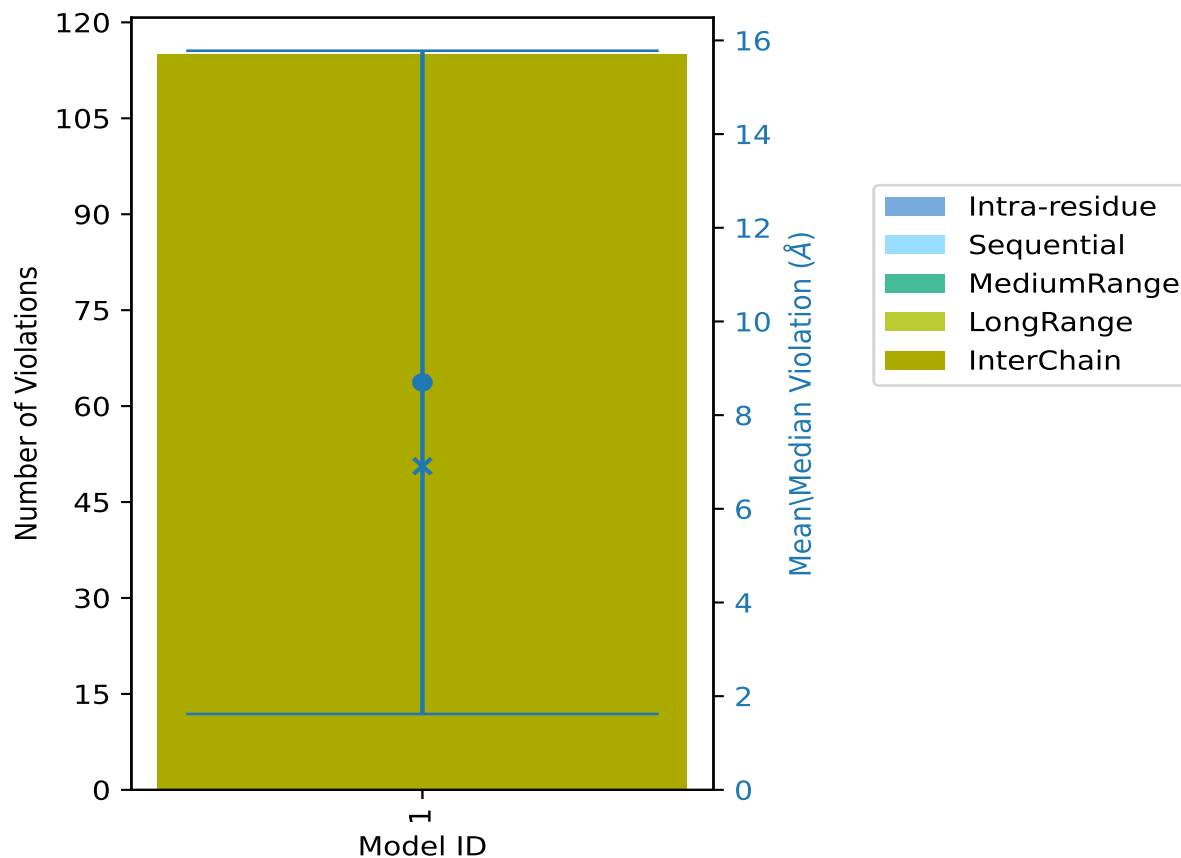
9.2 Distance violation statistics for each model [i](#)

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

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	0	0	0	0	115	115	8.7	33.73	7.08	6.91

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints, ⁵Inter-chain restraints, ⁶Standard deviation

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



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

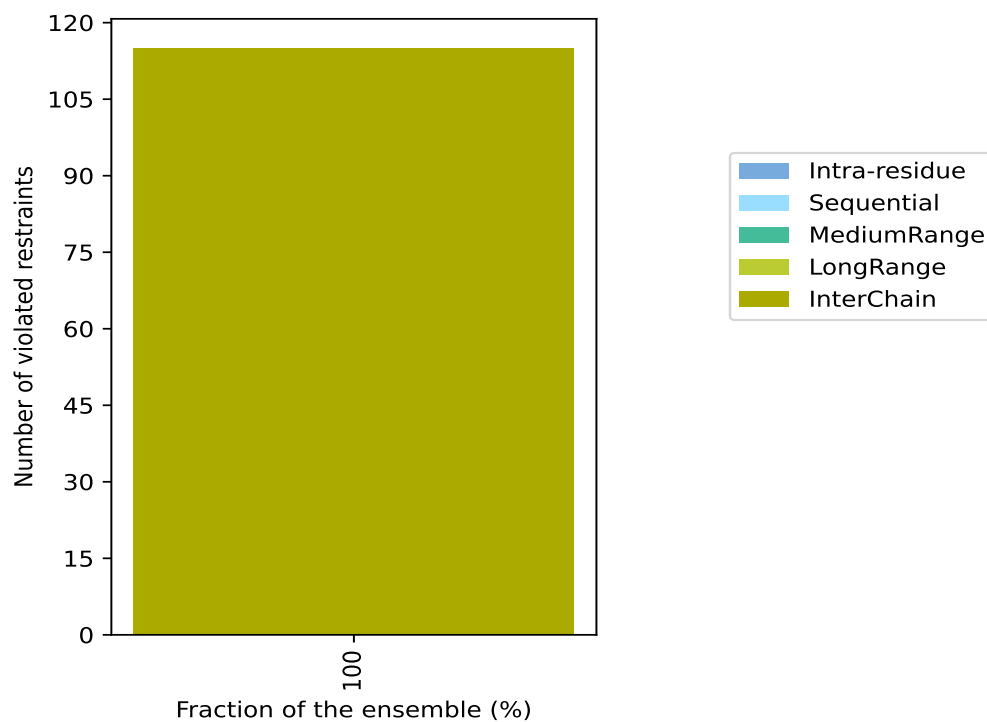
9.3 Distance violation statistics for the ensemble [i](#)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 1(IR:0, SQ:0, MR:0, LR:0, IC:1) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
0	0	0	0	115	115	1	100.0

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

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



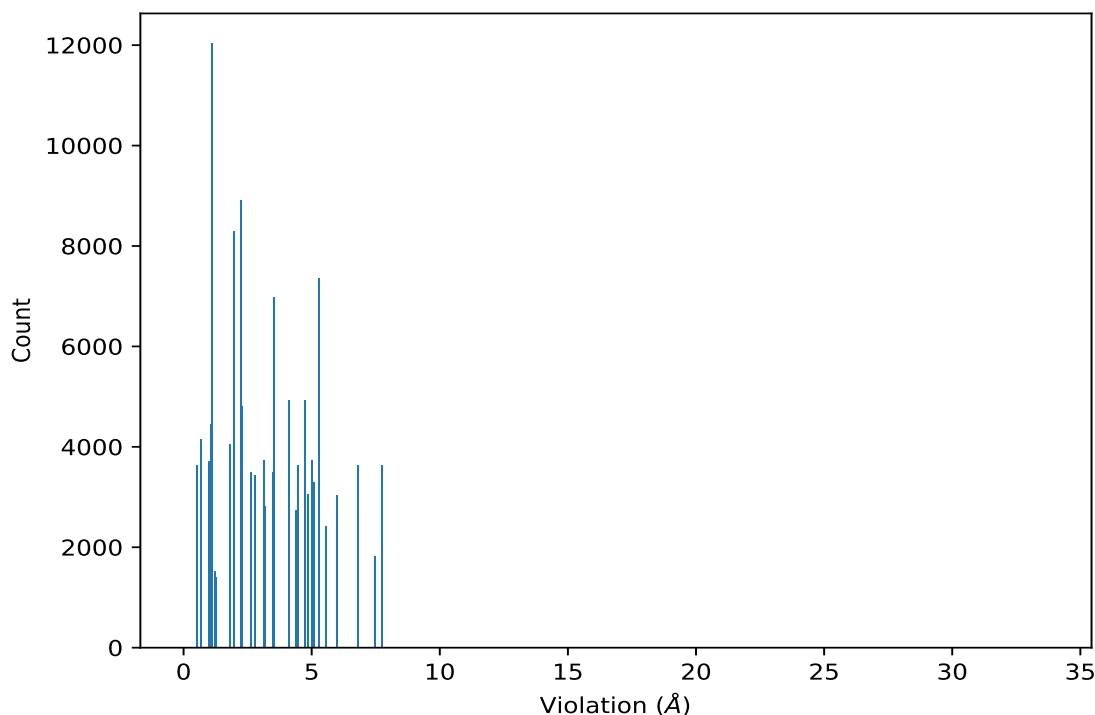
9.4 Most violated distance restraints in the ensemble [i](#)

No violations found

9.5 All violated distance restraints [i](#)

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

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



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

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

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,19)	1:A:92:GLU:HB2	2:B:45:GLN:HB2	1	33.73
(2,19)	1:A:95:GLU:HB2	2:B:45:GLN:HB3	1	33.73
(2,19)	1:A:92:GLU:HB3	2:B:44:GLN:HB2	1	33.73
(2,19)	1:A:95:GLU:HB3	2:B:44:GLN:HB3	1	33.73
(2,39)	1:D:92:GLU:HB2	2:C:45:GLN:HB2	1	28.31
(2,39)	1:D:95:GLU:HB2	2:C:45:GLN:HB3	1	28.31
(2,39)	1:D:92:GLU:HB3	2:C:44:GLN:HB2	1	28.31
(2,39)	1:D:95:GLU:HB3	2:C:44:GLN:HB3	1	28.31
(2,17)	1:A:92:GLU:HB2	2:B:62:SER:HB2	1	27.5
(2,17)	1:A:95:GLU:HB2	2:B:62:SER:HB3	1	27.5
(2,17)	1:A:92:GLU:HB3	2:B:55:SER:HB2	1	27.5
(2,17)	1:A:95:GLU:HB3	2:B:55:SER:HB3	1	27.5
(2,20)	1:A:87:SER:HB2	2:B:45:GLN:HB2	1	25.77
(2,20)	1:A:89:SER:HB2	2:B:45:GLN:HB3	1	25.77
(2,20)	1:A:87:SER:HB3	2:B:44:GLN:HB2	1	25.77
(2,20)	1:A:89:SER:HB3	2:B:44:GLN:HB3	1	25.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,13)	1:A:74:THR:HB	2:B:54:GLY:HA2	1	24.95
(2,13)	1:A:74:THR:HB	2:B:54:GLY:HA3	1	24.95
(2,10)	1:A:72:VAL:HB	2:B:54:GLY:HA2	1	23.44
(2,10)	1:A:72:VAL:HB	2:B:54:GLY:HA3	1	23.44
(1,50)	1:A:77:SER:HA	2:B:37:GLU:HA	1	23.16
(2,38)	1:D:92:GLU:HB2	2:C:64:ASP:HB2	1	22.79
(2,38)	1:D:95:GLU:HB2	2:C:64:ASP:HB3	1	22.79
(2,38)	1:D:92:GLU:HB3	2:C:68:ASP:HB2	1	22.79
(2,38)	1:D:95:GLU:HB3	2:C:68:ASP:HB3	1	22.79
(2,12)	1:A:73:ALA:HB1	2:B:52:ASP:HB2	1	21.82
(2,12)	1:A:73:ALA:HB1	2:B:52:ASP:HB3	1	21.82
(2,12)	1:A:73:ALA:HB2	2:B:57:ASP:HB2	1	21.82
(2,12)	1:A:73:ALA:HB2	2:B:57:ASP:HB3	1	21.82
(2,12)	1:A:73:ALA:HB3	2:B:52:ASP:HB2	1	21.82
(2,12)	1:A:73:ALA:HB3	2:B:52:ASP:HB3	1	21.82
(1,54)	1:A:93:PRO:HA	2:B:62:SER:HB2	1	20.69
(1,54)	1:A:80:PRO:HA	2:B:62:SER:HB3	1	20.69
(2,3)	1:A:42:MET:HB2	2:B:49:LEU:HG	1	20.3
(2,3)	1:A:42:MET:HB3	2:B:50:LEU:HG	1	20.3
(2,37)	1:D:92:GLU:HB2	2:C:62:SER:HB2	1	20.03
(2,37)	1:D:95:GLU:HB2	2:C:62:SER:HB3	1	20.03
(2,37)	1:D:92:GLU:HB3	2:C:55:SER:HB2	1	20.03
(2,37)	1:D:95:GLU:HB3	2:C:55:SER:HB3	1	20.03
(2,18)	1:A:92:GLU:HB2	2:B:64:ASP:HB2	1	19.41
(2,18)	1:A:95:GLU:HB2	2:B:64:ASP:HB3	1	19.41
(2,18)	1:A:92:GLU:HB3	2:B:68:ASP:HB2	1	19.41
(2,18)	1:A:95:GLU:HB3	2:B:68:ASP:HB3	1	19.41
(2,40)	1:D:87:SER:HB2	2:C:45:GLN:HB2	1	18.75
(2,40)	1:D:89:SER:HB2	2:C:45:GLN:HB3	1	18.75
(2,40)	1:D:87:SER:HB3	2:C:44:GLN:HB2	1	18.75
(2,40)	1:D:89:SER:HB3	2:C:44:GLN:HB3	1	18.75
(1,63)	1:D:50:LEU:HA	2:C:30:LYS:HD2	1	18.54
(1,63)	1:D:50:LEU:HA	2:C:30:LYS:HD3	1	18.54
(2,4)	1:A:42:MET:HB2	2:B:52:ASP:HB2	1	17.16
(2,4)	1:A:42:MET:HB2	2:B:52:ASP:HB3	1	17.16
(2,4)	1:A:42:MET:HB3	2:B:57:ASP:HB2	1	17.16
(2,4)	1:A:42:MET:HB3	2:B:57:ASP:HB3	1	17.16
(1,51)	1:A:77:SER:HA	2:B:37:GLU:HB2	1	16.99
(1,51)	1:A:76:SER:HA	2:B:37:GLU:HB3	1	16.99
(1,66)	1:D:51:PRO:HD2	2:C:66:ASN:HB2	1	16.1
(1,66)	1:D:51:PRO:HD2	2:C:66:ASN:HB3	1	16.1
(1,66)	1:D:51:PRO:HD3	2:C:74:ASN:HB2	1	16.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,66)	1:D:51:PRO:HD3	2:C:74:ASN:HB3	1	16.1
(2,33)	1:D:74:THR:HB	2:C:54:GLY:HA2	1	15.29
(2,33)	1:D:74:THR:HB	2:C:54:GLY:HA3	1	15.29
(1,76)	1:D:66:GLN:HB2	2:C:75:GLU:HB2	1	14.74
(1,76)	1:D:64:GLN:HB2	2:C:75:GLU:HB3	1	14.74
(1,76)	1:D:66:GLN:HB3	2:C:70:GLU:HB2	1	14.74
(1,76)	1:D:64:GLN:HB3	2:C:70:GLU:HB3	1	14.74
(1,70)	1:D:77:SER:HA	2:C:37:GLU:HA	1	14.69
(2,36)	1:D:66:GLN:HB2	2:C:64:ASP:HA	1	14.66
(2,36)	1:D:66:GLN:HB3	2:C:68:ASP:HA	1	14.66
(1,49)	1:A:54:PRO:HB2	2:B:40:GLU:HB2	1	13.07
(1,49)	1:A:54:PRO:HB2	2:B:40:GLU:HB3	1	13.07
(1,49)	1:A:54:PRO:HB3	2:B:37:GLU:HB2	1	13.07
(1,49)	1:A:54:PRO:HB3	2:B:37:GLU:HB3	1	13.07
(1,74)	1:D:93:PRO:HA	2:C:62:SER:HB2	1	12.93
(1,74)	1:D:80:PRO:HA	2:C:62:SER:HB3	1	12.93
(1,68)	1:D:53:SER:HB2	2:C:23:PHE:HB2	1	12.59
(1,68)	1:D:53:SER:HB2	2:C:23:PHE:HB3	1	12.59
(1,68)	1:D:53:SER:HB3	2:C:21:PHE:HB2	1	12.59
(1,68)	1:D:53:SER:HB3	2:C:21:PHE:HB3	1	12.59
(1,52)	1:A:77:SER:HB2	2:B:54:GLY:HA2	1	12.47
(1,52)	1:A:76:SER:HB2	2:B:54:GLY:HA3	1	12.47
(1,52)	1:A:77:SER:HB3	2:B:28:GLY:HA2	1	12.47
(1,52)	1:A:76:SER:HB3	2:B:28:GLY:HA3	1	12.47
(1,44)	1:A:50:LEU:HB2	2:B:59:LYS:HD2	1	12.46
(1,44)	1:A:50:LEU:HB2	2:B:59:LYS:HD3	1	12.46
(1,44)	1:A:50:LEU:HB3	2:B:61:LYS:HD2	1	12.46
(1,44)	1:A:50:LEU:HB3	2:B:61:LYS:HD3	1	12.46
(1,55)	1:A:93:PRO:HB2	2:B:37:GLU:HB2	1	12.41
(1,55)	1:A:80:PRO:HB2	2:B:37:GLU:HB3	1	12.41
(1,55)	1:A:93:PRO:HB3	2:B:40:GLU:HB2	1	12.41
(1,55)	1:A:80:PRO:HB3	2:B:40:GLU:HB3	1	12.41
(2,23)	1:D:42:MET:HB2	2:C:49:LEU:HG	1	12.28
(2,23)	1:D:42:MET:HB3	2:C:50:LEU:HG	1	12.28
(2,27)	1:D:54:PRO:HG2	2:C:30:LYS:HD2	1	11.93
(2,27)	1:D:54:PRO:HG2	2:C:30:LYS:HD3	1	11.93
(2,27)	1:D:54:PRO:HG3	2:C:39:LYS:HD2	1	11.93
(2,27)	1:D:54:PRO:HG3	2:C:39:LYS:HD3	1	11.93
(1,38)	1:A:30:GLU:HB2	2:B:25:ARG:HG2	1	11.46
(1,38)	1:A:30:GLU:HB2	2:B:25:ARG:HG3	1	11.46
(1,38)	1:A:30:GLU:HB3	2:B:29:ARG:HG2	1	11.46
(1,38)	1:A:30:GLU:HB3	2:B:29:ARG:HG3	1	11.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,58)	1:D:30:GLU:HB2	2:C:25:ARG:HG2	1	11.1
(1,58)	1:D:30:GLU:HB2	2:C:25:ARG:HG3	1	11.1
(1,58)	1:D:30:GLU:HB3	2:C:29:ARG:HG2	1	11.1
(1,58)	1:D:30:GLU:HB3	2:C:29:ARG:HG3	1	11.1
(2,35)	1:D:75:HIS:HD1	2:C:25:ARG:HG2	1	10.65
(2,35)	1:D:78:HIS:HD1	2:C:25:ARG:HG3	1	10.65
(2,15)	1:A:75:HIS:HD1	2:B:25:ARG:HG2	1	10.38
(2,15)	1:A:78:HIS:HD1	2:B:25:ARG:HG3	1	10.38
(1,57)	1:D:29:CYS:HB2	2:C:29:ARG:HB2	1	10.35
(1,57)	1:D:29:CYS:HB3	2:C:25:ARG:HB2	1	10.35
(1,48)	1:A:53:SER:HB2	2:B:23:PHE:HB2	1	10.23
(1,48)	1:A:53:SER:HB2	2:B:23:PHE:HB3	1	10.23
(1,48)	1:A:53:SER:HB3	2:B:21:PHE:HB2	1	10.23
(1,48)	1:A:53:SER:HB3	2:B:21:PHE:HB3	1	10.23
(2,9)	1:A:72:VAL:HB	2:B:37:GLU:HB2	1	10.11
(2,9)	1:A:72:VAL:HB	2:B:37:GLU:HB3	1	10.11
(1,64)	1:D:50:LEU:HB2	2:C:59:LYS:HD2	1	9.91
(1,64)	1:D:50:LEU:HB2	2:C:59:LYS:HD3	1	9.91
(1,64)	1:D:50:LEU:HB3	2:C:61:LYS:HD2	1	9.91
(1,64)	1:D:50:LEU:HB3	2:C:61:LYS:HD3	1	9.91
(1,69)	1:D:54:PRO:HB2	2:C:40:GLU:HB2	1	9.83
(1,69)	1:D:54:PRO:HB2	2:C:40:GLU:HB3	1	9.83
(1,69)	1:D:54:PRO:HB3	2:C:37:GLU:HB2	1	9.83
(1,69)	1:D:54:PRO:HB3	2:C:37:GLU:HB3	1	9.83
(2,32)	1:D:73:ALA:HB1	2:C:52:ASP:HB2	1	9.7
(2,32)	1:D:73:ALA:HB1	2:C:52:ASP:HB3	1	9.7
(2,32)	1:D:73:ALA:HB2	2:C:57:ASP:HB2	1	9.7
(2,32)	1:D:73:ALA:HB2	2:C:57:ASP:HB3	1	9.7
(2,32)	1:D:73:ALA:HB3	2:C:52:ASP:HB2	1	9.7
(2,32)	1:D:73:ALA:HB3	2:C:52:ASP:HB3	1	9.7
(2,30)	1:D:72:VAL:HB	2:C:54:GLY:HA2	1	9.64
(2,30)	1:D:72:VAL:HB	2:C:54:GLY:HA3	1	9.64
(1,71)	1:D:77:SER:HA	2:C:37:GLU:HB2	1	9.59
(1,71)	1:D:76:SER:HA	2:C:37:GLU:HB3	1	9.59
(1,59)	1:D:36:SER:HB2	2:C:29:ARG:HB3	1	9.54
(1,59)	1:D:36:SER:HB3	2:C:25:ARG:HB3	1	9.54
(2,7)	1:A:54:PRO:HG2	2:B:30:LYS:HD2	1	8.91
(2,7)	1:A:54:PRO:HG2	2:B:30:LYS:HD3	1	8.91
(2,7)	1:A:54:PRO:HG3	2:B:39:LYS:HD2	1	8.91
(2,7)	1:A:54:PRO:HG3	2:B:39:LYS:HD3	1	8.91
(1,39)	1:A:36:SER:HB2	2:B:29:ARG:HB3	1	8.77
(1,39)	1:A:36:SER:HB3	2:B:25:ARG:HB3	1	8.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,53)	1:A:93:PRO:HB2	2:B:75:GLU:HB2	1	8.3
(1,53)	1:A:80:PRO:HB2	2:B:75:GLU:HB3	1	8.3
(1,53)	1:A:93:PRO:HB3	2:B:70:GLU:HB2	1	8.3
(1,53)	1:A:80:PRO:HB3	2:B:70:GLU:HB3	1	8.3
(1,41)	1:A:38:GLN:HB2	2:B:37:GLU:HB2	1	8.14
(1,41)	1:A:38:GLN:HB2	2:B:37:GLU:HB3	1	8.14
(1,41)	1:A:38:GLN:HB3	2:B:40:GLU:HB2	1	8.14
(1,41)	1:A:38:GLN:HB3	2:B:40:GLU:HB3	1	8.14
(1,60)	1:D:36:SER:HB2	2:C:25:ARG:HD2	1	8.1
(1,60)	1:D:36:SER:HB2	2:C:25:ARG:HD3	1	8.1
(1,60)	1:D:36:SER:HB3	2:C:29:ARG:HD2	1	8.1
(1,60)	1:D:36:SER:HB3	2:C:29:ARG:HD3	1	8.1
(2,2)	1:A:41:TRP:HB2	2:B:63:LEU:HD11	1	8.07
(2,2)	1:A:41:TRP:HB2	2:B:63:LEU:HD12	1	8.07
(2,2)	1:A:41:TRP:HB2	2:B:63:LEU:HD13	1	8.07
(2,2)	1:A:41:TRP:HB2	2:B:63:LEU:HD21	1	8.07
(2,2)	1:A:41:TRP:HB2	2:B:63:LEU:HD22	1	8.07
(2,2)	1:A:41:TRP:HB2	2:B:63:LEU:HD23	1	8.07
(2,2)	1:A:41:TRP:HB3	2:B:56:LEU:HD11	1	8.07
(2,2)	1:A:41:TRP:HB3	2:B:56:LEU:HD12	1	8.07
(2,2)	1:A:41:TRP:HB3	2:B:56:LEU:HD13	1	8.07
(2,2)	1:A:41:TRP:HB3	2:B:56:LEU:HD21	1	8.07
(2,2)	1:A:41:TRP:HB3	2:B:56:LEU:HD22	1	8.07
(2,2)	1:A:41:TRP:HB3	2:B:56:LEU:HD23	1	8.07
(2,1)	1:A:41:TRP:HB2	2:B:62:SER:HA	1	7.91
(2,1)	1:A:41:TRP:HB3	2:B:69:SER:HA	1	7.91
(2,16)	1:A:66:GLN:HB2	2:B:64:ASP:HA	1	7.89
(2,16)	1:A:66:GLN:HB3	2:B:68:ASP:HA	1	7.89
(1,14)	2:B:48:HIS:C	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:CD	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:C	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:H	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:C	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:C	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:C	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:CG1	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:C	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:H	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:C	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:C	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:C	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:N	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:HG3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CA	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:HD2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HG21	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:OE1	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CA	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:CA	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:HA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CB	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:CD2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:CB	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:H	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:HB3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CB	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:CB	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HD13	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:HG3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:CD2	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:H	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:HD3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:H	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:HG22	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:CE1	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:CE	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CG	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:53:SER:O	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CG	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:CD	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:CG	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:HG2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:H	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:HE3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:H	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:HB2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:H	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HG12	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:N	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:H	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:H	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:H	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:CB	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HA	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:CB	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:C	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:HA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HA	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:HA	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:36:SER:OG	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HD11	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:HB3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:73:ALA:O	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:HB2	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:HB3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:50:LEU:O	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:HG1	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:HB3	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:29:CYS:SG	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:HG	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:71:CYS:SG	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:CA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:HD1	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:HB2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HE1	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:CG	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HB	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:HG2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:HD2	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:C	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:C	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:N	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE1	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:72:VAL:O	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:CB	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:HE1	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:N	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HB2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:HA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:HB3	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:HE2	1:A:83:SER:OG	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:N	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:HA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:N	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:HG	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:N	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:60:GLU:OE2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:N	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:HA	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:N	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:N	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:N	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:N	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:37:PRO:O	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:HB2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:N	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:74:THR:OG1	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:ND1	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:H	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HB2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:CB	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:H	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:HG23	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:HB2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:C	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:NE2	1:A:83:SER:OG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:29:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:30:GLU:OE1	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:O	1:A:30:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:HG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:36:SER:OG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:HG2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:37:PRO:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:CE	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:CG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HE1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HE2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HE3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HG2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:HG3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:42:MET:O	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:O	1:A:42:MET:SD	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:CD1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:CD2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:CG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HD11	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HD12	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HD13	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HD21	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HD22	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HD23	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:HG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:50:LEU:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:HG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:53:SER:OG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:CD	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:CG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:HD2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:HD3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:HG2	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:O	1:A:54:PRO:HG3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:54:PRO:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:60:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:71:CYS:SG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:CG1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:CG2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HG11	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HG12	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HG13	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HG21	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HG22	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:HG23	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:O	1:A:72:VAL:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:72:VAL:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:HB1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:73:ALA:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:CG2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:HB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:HG1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:HG21	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:HG22	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:HG23	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:74:THR:OG1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:C	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:CD	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:CG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:HG2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:HG3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:OE1	1	7.73
(1,14)	2:B:48:HIS:O	1:A:82:GLU:OE2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:C	1	7.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:48:HIS:O	1:A:83:SER:CA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:CB	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:H	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:HA	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:HB2	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:HB3	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:HG	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:N	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:O	1	7.73
(1,14)	2:B:48:HIS:O	1:A:83:SER:OG	1	7.73
(1,46)	1:A:51:PRO:HD2	2:B:66:ASN:HB2	1	7.56
(1,46)	1:A:51:PRO:HD2	2:B:66:ASN:HB3	1	7.56
(1,46)	1:A:51:PRO:HD3	2:B:74:ASN:HB2	1	7.56
(1,46)	1:A:51:PRO:HD3	2:B:74:ASN:HB3	1	7.56
(1,29)	1:D:22:GLY:C	2:C:29:ARG:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:CD	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:CZ	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HD2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HD3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HE	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HG2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HG3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HH11	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HH12	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HH21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:HH22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:NE	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:NH1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:NH2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:29:ARG:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:CD	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:C	2:C:30:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:C	2:C:30:LYS:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:36:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:HG2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:C	2:C:37:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:37:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:42:VAL:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:50:LEU:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:CA	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:C	2:C:53:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:53:VAL:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:54:GLY:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:54:GLY:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:54:GLY:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:54:GLY:HA2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:54:GLY:HA3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:54:GLY:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:54:GLY:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:CE	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HE1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HE2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HE3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HG2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:HG3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:60:MET:SD	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:CD1	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:C	2:C:71:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:71:LEU:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:C	2:C:72:LYS:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CD1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CD2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CE1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CE2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:CZ	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HD1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HD2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HE1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HE2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:HZ	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:73:PHE:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:O	1	7.49
(1,29)	1:D:22:GLY:C	2:C:74:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:O	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:C	2:C:82:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:82:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:C	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:H	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:N	1	7.49
(1,29)	1:D:22:GLY:C	2:C:83:LEU:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:CD	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:CZ	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HD3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HE	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HG3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HH11	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HH12	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HH21	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:HH22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:NE	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:NH1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:NH2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:29:ARG:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:30:LYS:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:36:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:CB	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:37:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:42:VAL:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HD21	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:50:LEU:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:53:VAL:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:54:GLY:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:54:GLY:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:54:GLY:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:54:GLY:HA2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:54:GLY:HA3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:54:GLY:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:54:GLY:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:CE	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HE1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HE2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HE3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:HG3	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:CA	2:C:60:MET:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:60:MET:SD	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:71:LEU:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:N	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:72:LYS:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CD1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CE1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CE2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:CZ	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HD1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HE1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HE2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:HZ	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:73:PHE:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:74:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:H	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:O	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:82:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:C	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:H	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:N	1	7.49
(1,29)	1:D:22:GLY:CA	2:C:83:LEU:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:CD	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:CZ	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HD3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HE	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HG2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HG3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HH11	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HH12	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HH21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:HH22	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:NE	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:NH1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:NH2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:29:ARG:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:H	2:C:30:LYS:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:HD22	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:H	2:C:36:ASN:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:36:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:37:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:42:VAL:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:H	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:50:LEU:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:53:VAL:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:54:GLY:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:54:GLY:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:54:GLY:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:54:GLY:HA2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:54:GLY:HA3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:54:GLY:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:54:GLY:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:CE	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:HA	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:H	2:C:60:MET:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:HE1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:HE2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:HE3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:HG2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:HG3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:60:MET:SD	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:71:LEU:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HE2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:H	2:C:72:LYS:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CD1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CE1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CE2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:CZ	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HD1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HE1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HE2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:HZ	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:73:PHE:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:74:ASN:O	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:H	2:C:74:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:O	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:82:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:C	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:H	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:N	1	7.49
(1,29)	1:D:22:GLY:H	2:C:83:LEU:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:CD	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:CZ	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:H	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HD3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HE	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HG3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HH11	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HH12	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HH21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:HH22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:NE	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:NH1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:NH2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:29:ARG:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:30:LYS:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:CB	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:36:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:37:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:42:VAL:O	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:50:LEU:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:53:VAL:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:54:GLY:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:54:GLY:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:54:GLY:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:54:GLY:HA2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:54:GLY:HA3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:54:GLY:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:54:GLY:O	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:CE	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HE1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HE2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HE3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:HG3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:60:MET:SD	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:71:LEU:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:CG	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:72:LYS:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CD1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CE1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CE2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:CZ	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HD1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HE1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HE2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:HZ	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:73:PHE:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:HA	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:74:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:O	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:82:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:C	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:H	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:N	1	7.49
(1,29)	1:D:22:GLY:HA2	2:C:83:LEU:O	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:CD	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:CZ	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HD3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HE	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HG3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HH11	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HH12	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HH21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:HH22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:NE	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:NH1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:NH2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:29:ARG:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HZ2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:30:LYS:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:36:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:37:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HG11	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:42:VAL:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:50:LEU:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:53:VAL:O	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA3	2:C:54:GLY:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:54:GLY:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:54:GLY:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:54:GLY:HA2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:54:GLY:HA3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:54:GLY:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:54:GLY:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:CE	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HE1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HE2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HE3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:HG3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:60:MET:SD	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:N	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA3	2:C:71:LEU:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:72:LYS:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CD1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CE1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CE2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:CZ	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HD1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HE1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HE2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:HZ	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:N	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA3	2:C:73:PHE:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:74:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:O	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:82:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:C	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:H	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HD12	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:N	1	7.49
(1,29)	1:D:22:GLY:HA3	2:C:83:LEU:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:CD	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:CZ	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HD2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HD3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HE	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HG3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HH11	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HH12	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HH21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:HH22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:NE	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:NH1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:NH2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:29:ARG:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HD2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:N	2:C:30:LYS:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:36:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:37:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:CA	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:N	2:C:42:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:42:VAL:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:50:LEU:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HG11	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:53:VAL:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:54:GLY:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:54:GLY:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:54:GLY:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:54:GLY:HA2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:54:GLY:HA3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:54:GLY:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:54:GLY:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:CE	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HE1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HE2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HE3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:HG3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:60:MET:SD	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HD11	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:71:LEU:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:N	2:C:72:LYS:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CD1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CD2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CE1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CE2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:CZ	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HB2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HD1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HD2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HE1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HE2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:HZ	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:73:PHE:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:74:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:O	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:82:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:C	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:CD2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:N	2:C:83:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:H	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:N	1	7.49
(1,29)	1:D:22:GLY:N	2:C:83:LEU:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:CD	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:CZ	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HD2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HD3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HE	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HG2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HG3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HH11	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HH12	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HH21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:HH22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:NE	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:NH1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:NH2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:29:ARG:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:CD	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:O	2:C:30:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:O	2:C:30:LYS:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:36:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:HG2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:O	2:C:37:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:37:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:42:VAL:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:50:LEU:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:CA	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:O	2:C:53:VAL:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:CG1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:CG2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HG11	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HG12	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HG13	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HG21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HG22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:HG23	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:53:VAL:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:54:GLY:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:54:GLY:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:54:GLY:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:54:GLY:HA2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:54:GLY:HA3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:54:GLY:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:54:GLY:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:CE	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HE1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HE2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HE3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HG2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:HG3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:60:MET:SD	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:CD1	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:O	2:C:71:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:71:LEU:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:CD	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:CE	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HD2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HD3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HE2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HE3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HG2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HG3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HZ1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HZ2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:HZ3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:NZ	1	7.49
(1,29)	1:D:22:GLY:O	2:C:72:LYS:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CD1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CD2	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CE1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CE2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:CZ	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HD1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HD2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HE1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HE2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:HZ	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:73:PHE:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:HD21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:HD22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:ND2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:O	1	7.49
(1,29)	1:D:22:GLY:O	2:C:74:ASN:OD1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:CD	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:HG2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:HG3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:O	1	7.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:D:22:GLY:O	2:C:82:GLU:OE1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:82:GLU:OE2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:C	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:CA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:CB	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:CD1	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:CD2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:CG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:H	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HA	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HB2	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HB3	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HD11	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HD12	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HD13	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HD21	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HD22	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HD23	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:HG	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:N	1	7.49
(1,29)	1:D:22:GLY:O	2:C:83:LEU:O	1	7.49
(2,28)	1:D:71:CYS:HB2	2:C:54:GLY:HA2	1	7.29
(2,28)	1:D:71:CYS:HB2	2:C:54:GLY:HA3	1	7.29
(2,28)	1:D:71:CYS:HB3	2:C:28:GLY:HA2	1	7.29
(2,28)	1:D:71:CYS:HB3	2:C:28:GLY:HA3	1	7.29
(2,34)	1:D:74:THR:HB	2:C:25:ARG:HD2	1	7.08
(2,34)	1:D:74:THR:HB	2:C:25:ARG:HD3	1	7.08
(2,31)	1:D:73:ALA:HB1	2:C:39:LYS:HD2	1	7.08
(2,31)	1:D:73:ALA:HB1	2:C:39:LYS:HD3	1	7.08
(2,31)	1:D:73:ALA:HB2	2:C:30:LYS:HD2	1	7.08
(2,31)	1:D:73:ALA:HB2	2:C:30:LYS:HD3	1	7.08
(2,31)	1:D:73:ALA:HB3	2:C:39:LYS:HD2	1	7.08
(2,31)	1:D:73:ALA:HB3	2:C:39:LYS:HD3	1	7.08
(2,26)	1:D:49:PRO:HD2	2:C:61:LYS:HG2	1	6.91
(2,26)	1:D:49:PRO:HD2	2:C:61:LYS:HG3	1	6.91
(2,26)	1:D:49:PRO:HD3	2:C:59:LYS:HG2	1	6.91
(2,26)	1:D:49:PRO:HD3	2:C:59:LYS:HG3	1	6.91
(1,28)	1:D:21:PRO:C	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:C	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:C	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:C	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:C	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:HG23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:C	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:54:GLY:HA3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:C	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:CD	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:C	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:C	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:C	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:HG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:C	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:C	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HG3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:HG23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HD23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HE2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HB3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CA	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HB2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:37:GLU:OE2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HB2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:H	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:CB	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CB	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:CA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:HB2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:50:LEU:O	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:CA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CB	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:HG3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CD	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:HH22	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:C	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HD12	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HE3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HZ2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:CD	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:CG	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HD3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:HB3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:CD2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HA	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HD2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:N	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HA	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:C	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:HG23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:54:GLY:HA3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB2	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:CD	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:HG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HB2	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HG3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:HG23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HD23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HE2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HB3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HB3	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HB2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:37:GLU:OE2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HB2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:H	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:CB	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HD2	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:CA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:HB2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:50:LEU:O	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:CA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CB	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:HG3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HD3	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:HH22	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:C	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HD12	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HE3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HZ2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:CD	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HG2	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HD3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:HB3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:CD2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HD2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:N	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:HG3	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:N	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:N	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:C	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:N	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:HG23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:N	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:54:GLY:HA3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:N	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:CD	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:N	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:N	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HE2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:CG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:N	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:HG	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:N	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:N	2:C:83:LEU:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:CD	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:CZ	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HD3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HE	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HG3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HH11	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HH12	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HH21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:HH22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:NE	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:NH1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:NH2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:29:ARG:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HG3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:O	2:C:30:LYS:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:36:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:37:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HA	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:HG23	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:42:VAL:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:50:LEU:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:CG1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:CG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HG11	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HG12	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HG13	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HG21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HG22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:HG23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:O	2:C:53:VAL:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:53:VAL:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:54:GLY:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:54:GLY:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:54:GLY:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:54:GLY:HA2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:54:GLY:HA3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:54:GLY:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:54:GLY:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:CE	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HE1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HE2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HE3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:HG3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:60:MET:SD	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HD23	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:O	2:C:71:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:71:LEU:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:CD	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:CE	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HD3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HE2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HE3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HG3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HZ1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HZ2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:HZ3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:NZ	1	6.83
(1,28)	1:D:21:PRO:O	2:C:72:LYS:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CD1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CE1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CE2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:CZ	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HD1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HE1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HE2	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:O	2:C:73:PHE:HZ	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:73:PHE:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:HD21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:HD22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:ND2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:74:ASN:OD1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:CD	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:HB3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:HG2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:HG3	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:O	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:OE1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:82:GLU:OE2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:C	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:CA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:CB	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:CD1	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:CD2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:CG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:H	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HA	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HB2	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HB3	1	6.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HD11	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HD12	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HD13	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HD21	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HD22	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HD23	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:HG	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:N	1	6.83
(1,28)	1:D:21:PRO:O	2:C:83:LEU:O	1	6.83
(1,37)	1:A:29:CYS:HB2	2:B:29:ARG:HB2	1	6.62
(1,37)	1:A:29:CYS:HB3	2:B:25:ARG:HB2	1	6.62
(2,21)	1:D:41:TRP:HB2	2:C:62:SER:HA	1	6.39
(2,21)	1:D:41:TRP:HB3	2:C:69:SER:HA	1	6.39
(1,43)	1:A:50:LEU:HA	2:B:30:LYS:HD2	1	6.29
(1,43)	1:A:50:LEU:HA	2:B:30:LYS:HD3	1	6.29
(1,16)	2:B:58:GLU:C	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:CA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:C	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:CA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:C	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:54:PRO:O	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:C	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:C	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:C	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:C	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:H	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:C	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:C	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:36:SER:O	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CA	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HB3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:HB2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:N	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CA	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:CA	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:C	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:HB2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:N	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CB	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:C	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:HB	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CB	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:CB	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:O	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CD	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:C	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CD	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:HB3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CD	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:O	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CD	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:C	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:CD	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HB3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:CD	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:HB3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:CG	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:30:GLU:OE2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:H	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:42:MET:SD	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:H	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:HG3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:H	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:H	1:A:72:VAL:N	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:H	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:H	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:CA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:H	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:H	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:HG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HA	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:H	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:HB2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:HA	1:A:83:SER:O	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HA	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:CG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HD23	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:OE1	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB2	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:H	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:HB2	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:HB3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:N	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB3	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:HB3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:O	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HB3	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:HB3	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:CG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:CA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:CG2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:HG2	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:O	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:N	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:HD3	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HG22	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:82:GLU:OE2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:HG3	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:HB2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:N	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:CG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:N	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:CD	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:N	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:N	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:N	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:HG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:N	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:N	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:CB	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:O	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HD21	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:N	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:O	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:CB	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:O	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:O	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:O	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:HG2	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:CG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:CB	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:53:SER:OG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:HA	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:HG23	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:OE1	1:A:83:SER:OG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:29:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:CB	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:30:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:HG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:36:SER:OG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:37:PRO:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:CE	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:CG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HE1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HE2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HE3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:HG3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:42:MET:SD	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:CD1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:CD2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:CG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HD11	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HD12	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HD13	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HD21	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HD22	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HD23	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:HG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:50:LEU:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:HG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:53:SER:OG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:CD	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:CG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:HD2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:HD3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:HG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:HG3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:54:PRO:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:CG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:60:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:71:CYS:SG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:CB	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:CG1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:CG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HG11	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HG12	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HG13	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HG21	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HG22	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:HG23	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:72:VAL:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:HB1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:73:ALA:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:CG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:HB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:HG1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:HG21	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:HG22	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:HG23	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:74:THR:OG1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:CD	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:CG	1	5.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:HG2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:HG3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:OE1	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:82:GLU:OE2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:C	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:CA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:CB	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:H	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:HA	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:HB2	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:HB3	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:HG	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:N	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:O	1	5.96
(1,16)	2:B:58:GLU:OE2	1:A:83:SER:OG	1	5.96
(2,6)	1:A:49:PRO:HD2	2:B:61:LYS:HG2	1	5.82
(2,6)	1:A:49:PRO:HD2	2:B:61:LYS:HG3	1	5.82
(2,6)	1:A:49:PRO:HD3	2:B:59:LYS:HG2	1	5.82
(2,6)	1:A:49:PRO:HD3	2:B:59:LYS:HG3	1	5.82
(2,8)	1:A:71:CYS:HB2	2:B:54:GLY:HA2	1	5.73
(2,8)	1:A:71:CYS:HB2	2:B:54:GLY:HA3	1	5.73
(2,8)	1:A:71:CYS:HB3	2:B:28:GLY:HA2	1	5.73
(2,8)	1:A:71:CYS:HB3	2:B:28:GLY:HA3	1	5.73
(1,40)	1:A:36:SER:HB2	2:B:25:ARG:HD2	1	5.7
(1,40)	1:A:36:SER:HB2	2:B:25:ARG:HD3	1	5.7
(1,40)	1:A:36:SER:HB3	2:B:29:ARG:HD2	1	5.7
(1,40)	1:A:36:SER:HB3	2:B:29:ARG:HD3	1	5.7
(1,15)	2:B:57:ASP:C	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:29:CYS:O	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:C	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:C	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:C	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:HB3	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:C	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:71:CYS:O	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:C	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:C	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:C	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:C	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:C	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HB3	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:CD	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:HB3	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:CA	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:30:GLU:OE2	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CB	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:42:MET:SD	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:HG3	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:N	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CB	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:CA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CB	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:CB	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:HG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CG	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:H	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:HB2	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:CG	1:A:83:SER:O	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:CG	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:CG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:H	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HD23	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:H	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:60:GLU:OE1	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:H	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:H	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:H	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:H	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:H	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:HB3	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:N	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HA	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HA	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:HB3	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:74:THR:O	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HA	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:HA	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:CG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:CA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:CG2	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:HB2	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:O	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:N	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:HD3	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HG22	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:82:GLU:OE2	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:HB3	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:HB2	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:N	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:CG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:N	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:CD	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:N	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:N	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:N	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:HG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:N	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:N	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:CB	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:O	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HD21	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:N	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:O	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:CB	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:O	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:O	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:O	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:HG2	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:CG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:CB	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:53:SER:OG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:HA	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:HG23	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:OD1	1:A:83:SER:OG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:29:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:CB	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:30:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:HG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:36:SER:OG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:37:PRO:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:CE	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:CG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HE1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HE2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HE3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:HG3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:42:MET:SD	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:CD1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:CD2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:CG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HD11	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HD12	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HD13	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HD21	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HD22	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HD23	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:HG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:50:LEU:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:HG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:53:SER:OG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:CD	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:CG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:HD2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:HD3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:HG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:HG3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:54:PRO:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:CG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:60:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:71:CYS:SG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:CB	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:CG1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:CG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HG11	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HG12	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HG13	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HG21	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HG22	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:HG23	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:72:VAL:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:HB1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:73:ALA:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:CG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:HB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:HG1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:HG21	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:HG22	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:HG23	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:74:THR:OG1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:CD	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:CG	1	5.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:HG2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:HG3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:OE1	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:82:GLU:OE2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:C	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:CA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:CB	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:H	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:HA	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:HB2	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:HB3	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:HG	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:N	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:O	1	5.59
(1,15)	2:B:57:ASP:OD2	1:A:83:SER:OG	1	5.59
(1,6)	1:A:60:GLU:C	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:C	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:C	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HD23	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:C	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:C	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HZ1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:C	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HZ2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:C	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:C	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:C	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:CG2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CA	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:HG2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:46:LEU:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:N	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:NZ	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CA	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:CA	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:HB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CB	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:NE2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:CB	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:HG22	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CD	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:28:GLY:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CD	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:CG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:OD1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CD	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:CD1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:CD	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:22:THR:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CG	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:28:GLY:HA2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CG	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:CG	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:28:GLY:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:H	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:HD2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:H	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:CG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:H	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:H	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:H	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:N	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:H	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:H	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CD2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HA	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:N	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HD13	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:HA	2:B:74:ASN:OD1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:48:HIS:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:HG3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HD23	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:HB2	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:N	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:OE1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB3	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:71:LEU:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:HB3	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CE1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HD1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:CG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:HG2	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:CZ	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HE2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:CD1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:CE	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:CG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:HG3	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:23:PHE:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:N	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HD12	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:N	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:N	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:N	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HD2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:O	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HD22	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HD2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:O	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HD3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:O	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:O	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:HZ	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HD13	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:N	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE1	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HE3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HG2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:OE1	2:B:74:ASN:OD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:21:PHE:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:CG2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:HB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:HG1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:HG21	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:HG22	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:HG23	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:22:THR:OG1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:CZ	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:HZ	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:23:PHE:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:CD	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:HE21	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:HE22	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:HG2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:HG3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:NE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:26:GLN:OE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:28:GLY:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:28:GLY:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:28:GLY:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:28:GLY:HA2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:28:GLY:HA3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:28:GLY:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:28:GLY:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:HG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:34:SER:OG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HD23	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:46:LEU:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:CD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:CE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:HD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:HD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:HE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:HE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:ND1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:NE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:48:HIS:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:56:LEU:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:OD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:57:ASP:OD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:CD	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:HG2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:HG3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:OE1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:58:GLU:OE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HZ1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HZ2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:59:LYS:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:CD1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:CD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HD11	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HD12	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HD13	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HD21	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HD22	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HD23	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:HG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:71:LEU:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:CD	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:CE	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HD2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HD3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HE2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HE3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HG2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HG3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HZ1	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HZ2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:HZ3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:NZ	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:72:LYS:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:C	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:CA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:CB	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:CG	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:H	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:HA	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:HB2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:HB3	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:HD21	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:HD22	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:N	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:ND2	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:O	1	5.26
(1,6)	1:A:60:GLU:OE2	2:B:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:C	2:C:29:ARG:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:C	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:C	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:C	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:C	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:HG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:C	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:C	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:C	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:60:MET:SD	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:C	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:C	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:C	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:C	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:C	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:C	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HH12	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:CA	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:36:ASN:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CA	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:HE1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CA	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HG3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:CA	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CA	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:CA	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:CB	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:HA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CB	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CB	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CB	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:CB	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:HD21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CB	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:CB	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:NZ	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CG2	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HG21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:54:GLY:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CG2	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HD22	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:CG2	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:H	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HE3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:H	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:H	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:H	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:CG2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:H	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:HG21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:H	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:H	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:H	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HD21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:H	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:H	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:HD2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:H	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:H	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:H	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:H	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HA	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HA	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:CG2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HA	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HA	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HA	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HA	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:HA	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:29:ARG:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HB	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HB	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HB	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:HG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HB	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:60:MET:SD	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HB	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HB	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HB	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:HB	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HH12	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG1	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HE1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HG3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG1	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:HA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG21	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HB2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:HD21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG21	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:CB	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:NZ	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG22	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HG21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:54:GLY:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG22	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HD22	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG22	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HE3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:CG2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HG21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HD21	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HD2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:HG23	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:N	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:N	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:N	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:N	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:N	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:CG2	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:N	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:N	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:N	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:N	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:N	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:CG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:N	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:N	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:N	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:N	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HH12	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:O	2:C:29:ARG:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:O	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:O	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:H	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:O	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:O	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:HG	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:O	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:O	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:O	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HE1	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:60:MET:SD	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:O	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:O	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:C	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:O	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:O	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:O	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:O	2:C:83:LEU:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:CD	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:CZ	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HD3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HE	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HG3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HH11	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HH12	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HH21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:HH22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:NE	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:NH1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:NH2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:29:ARG:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:CD	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:CE	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HG3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:30:LYS:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:O	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:OG1	2:C:36:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:CD	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:37:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:42:VAL:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HB3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:HG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:50:LEU:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:CG1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:CG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HG11	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HG12	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HG13	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HG21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HG22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:HG23	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:53:VAL:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:54:GLY:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:54:GLY:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:54:GLY:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:54:GLY:HA2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:54:GLY:HA3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:54:GLY:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:54:GLY:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:CE	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HE1	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HE2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HE3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:HG3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:60:MET:SD	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:HG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:71:LEU:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:CD	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:CE	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HD3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HE2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HE3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HG3	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HZ1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HZ2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:HZ3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:NZ	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:72:LYS:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CD1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CE1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CE2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:CZ	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HD1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HE1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HE2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:HZ	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:73:PHE:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:HD21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:HD22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:ND2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:74:ASN:OD1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:CA	1	5.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:CD	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:HG2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:HG3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:O	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:OE1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:82:GLU:OE2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:C	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:CA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:CB	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:CD1	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:CD2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:CG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:H	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HA	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HB2	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HB3	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HD11	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HD12	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HD13	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HD21	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HD22	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HD23	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:HG	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:N	1	5.26
(1,30)	1:D:26:THR:OG1	2:C:83:LEU:O	1	5.26
(1,56)	1:A:66:GLN:HB2	2:B:75:GLU:HB2	1	5.22
(1,56)	1:A:64:GLN:HB2	2:B:75:GLU:HB3	1	5.22
(1,56)	1:A:66:GLN:HB3	2:B:70:GLU:HB2	1	5.22
(1,56)	1:A:64:GLN:HB3	2:B:70:GLU:HB3	1	5.22
(2,5)	1:A:49:PRO:HB2	2:B:30:LYS:HD2	1	5.08
(2,5)	1:A:49:PRO:HB2	2:B:30:LYS:HD3	1	5.08
(2,5)	1:A:49:PRO:HB3	2:B:39:LYS:HD2	1	5.08
(2,5)	1:A:49:PRO:HB3	2:B:39:LYS:HD3	1	5.08
(1,27)	2:C:82:GLU:C	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:C	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:C	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HG22	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:C	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:C	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:C	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:CG	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:C	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:HB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:C	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:C	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:HB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CA	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:CG1	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HD11	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HD22	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:HG23	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:CA	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:23:GLY:HA3	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CB	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:HG2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:CG	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:CG2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:CB	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:22:GLY:H	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CD	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:CB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HD12	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HG22	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:HB2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:CD	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:HB3	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:HG1	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CG	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:CB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:H	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:HG2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:CG	1:D:74:THR:O	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:CG	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:26:THR:O	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:H	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HG12	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:HG	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:H	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:H	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:CG2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:H	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:H	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:CG2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HA	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:C	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HD12	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HG13	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:HA	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:23:GLY:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB2	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:HB3	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:N	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB2	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:CB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:HB2	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:21:PRO:O	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB3	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:28:THR:OG1	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HB2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HG12	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:CB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:HB3	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:CG	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:H	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:46:VAL:O	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:CD1	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:HB3	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:HG22	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:HG2	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:HG22	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HD21	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:N	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG3	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:C	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:HG3	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:C	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:N	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:NE2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:N	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:CD2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:N	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HB2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:N	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:22:GLY:N	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:O	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:H	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:O	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HD22	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:57:ILE:O	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:O	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:71:CYS:O	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:O	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:O	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:HG2	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:HG23	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:CG	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HD11	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:59:PRO:O	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:HB	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:OE1	1:D:74:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:CG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:21:PRO:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:22:GLY:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:22:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:22:GLY:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:22:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:22:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:22:GLY:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:22:GLY:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:23:GLY:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:23:GLY:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:23:GLY:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:23:GLY:HA2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:23:GLY:HA3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:23:GLY:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:23:GLY:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:HB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:26:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:CA	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:HB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:28:THR:OG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:CD	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:CG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:HB2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:HB3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:HE21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:HE22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:HG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:HG3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:NE2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:34:GLN:OE1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HG22	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:46:VAL:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:48:LEU:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:56:LEU:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:C	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:CD1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:CG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:CG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HD11	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HD12	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HD13	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HG12	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HG13	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HG21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HG22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:HG23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:57:ILE:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:CD1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:CD2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:CG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HB2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HB3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HD11	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HD12	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HD13	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HD21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HD22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HD23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:HG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:58:LEU:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:CD	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:CG	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:HB2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:HB3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:HD2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:HD3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:HG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:HG3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:59:PRO:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:HB2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:HB3	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:71:CYS:SG	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:CG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:CG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HG11	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HG12	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HG13	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HG21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HG22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:HG23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:72:VAL:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:C	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:CA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:CB	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:CG2	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:H	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:HA	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:HB	1	5.07

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:HG1	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:HG21	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:HG22	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:HG23	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:N	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:O	1	5.07
(1,27)	2:C:82:GLU:OE2	1:D:74:THR:OG1	1	5.07
(2,14)	1:A:74:THR:HB	2:B:25:ARG:HD2	1	5.04
(2,14)	1:A:74:THR:HB	2:B:25:ARG:HD3	1	5.04
(1,1)	1:A:30:GLU:C	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:22:THR:O	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:C	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:28:GLY:HA2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:C	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:HB2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:C	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:CA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:C	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:C	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:H	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:C	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:HB3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:C	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:C	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:28:GLY:O	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CA	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:HD2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:CG	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HB3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:N	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:CA	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CD2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:CB	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CB	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:N	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:HB2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HD13	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:CB	2:B:74:ASN:OD1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CG	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:HB2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CD	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:48:HIS:O	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:HG3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HD23	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:CD	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CB	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:N	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CG	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:CB	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:OE1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CG	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:71:LEU:O	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:CG	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CE1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HD1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:C	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:H	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:CG	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:H	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:CA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:H	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:H	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:CB	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:H	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:H	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:H	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:CZ	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HE2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:CD1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HB2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:CE	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:CG	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:HA	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HB2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:23:PHE:O	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:H	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HD12	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HB2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:HB2	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HD2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:CB	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HB3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HD22	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HD2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HD3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:HB3	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:HZ	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:H	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HD13	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:N	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG2	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HE3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HG2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:HG2	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:C	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:HB3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HD23	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:CA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HZ1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HZ2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:HG3	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:CG2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:N	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:HG2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:N	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:46:LEU:O	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:N	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:H	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:N	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:N	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:N	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:N	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:72:LYS:NZ	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:N	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:N	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:HB	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:O	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:NE2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:O	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:CB	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:O	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:HB3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:O	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:O	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:C	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:O	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:O	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:CA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:O	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:O	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:HG22	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:28:GLY:C	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE1	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:28:GLY:HA2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:CG	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:OD1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE1	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:CD1	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:H	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:HB3	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:OE1	2:B:74:ASN:OD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:21:PHE:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:CG2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:HB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:HG1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:HG21	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:HG22	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:HG23	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:O	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE2	2:B:22:THR:OG1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:CZ	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:HZ	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:23:PHE:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:CD	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:HE21	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:HE22	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:HG2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:HG3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:NE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:26:GLN:OE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:28:GLY:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:28:GLY:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:28:GLY:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:28:GLY:HA2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE2	2:B:28:GLY:HA3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:28:GLY:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:28:GLY:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:HG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:34:SER:OG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:46:LEU:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:CD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:CE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:HB2	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:HD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:HD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:HE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:HE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:ND1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:NE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:48:HIS:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:56:LEU:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:OD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:57:ASP:OD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:CA	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:CD	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:HG2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:HG3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:OE1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:58:GLU:OE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:59:LYS:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:CD1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:CD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:H	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HD11	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HD12	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HD13	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HD21	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HD22	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HD23	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:HG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:71:LEU:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:CD	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:CE	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HB3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HD2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HD3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HE2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HE3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HG2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HG3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HZ1	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HZ2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:HZ3	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:NZ	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:72:LYS:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:C	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:CA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:CB	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:CG	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:H	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:HA	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:HB2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:HB3	1	5.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:HD21	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:HD22	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:N	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:ND2	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:O	1	5.02
(1,1)	1:A:30:GLU:OE2	2:B:74:ASN:OD1	1	5.02
(1,26)	2:C:74:ASN:C	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:HG1	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:C	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:CG2	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:C	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HD12	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HD23	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:C	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:72:VAL:N	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:C	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:C	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:23:GLY:N	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CA	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:HG3	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:CB	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:H	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:H	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:CA	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:22:GLY:HA2	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CB	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:CD	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HD13	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:HG23	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:HB3	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:CB	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:HD2	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:HG21	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CG	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:CD1	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:HG3	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:CG	1:D:74:THR:OG1	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:H	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:26:THR:OG1	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:H	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HG13	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:56:LEU:N	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:H	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:CB	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:H	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:H	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:H	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:H	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:H	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HA	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:CA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HB2	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HD13	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HG21	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:HA	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:23:GLY:H	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB2	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:HE21	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:48:LEU:O	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:CD1	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:CB	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:HB2	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:22:GLY:C	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB3	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:C	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HB3	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HG13	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:H	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:HB3	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:HA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:HA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:C	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:CG1	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:HD2	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:HG23	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:HD21	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:HG23	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HB	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HD22	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:58:LEU:O	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:CA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:HD22	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:CA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:N	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:34:GLN:O	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:N	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:CG	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:N	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HB3	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HG11	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:N	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:22:GLY:O	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:ND2	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:HA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HD23	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:C	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:71:CYS:SG	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:ND2	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:HG3	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:O	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:N	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:O	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:H	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HD12	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:C	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:O	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:O	1:D:74:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:CB	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:21:PRO:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:22:GLY:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:22:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:22:GLY:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:22:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:22:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:22:GLY:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:22:GLY:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:23:GLY:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:23:GLY:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:23:GLY:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:23:GLY:HA2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:23:GLY:HA3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:23:GLY:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:23:GLY:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:HB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:26:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:CB	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:HB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:HG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:28:THR:OG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:CD	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:CG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:HB2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:HB3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:HE21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:HE22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:HG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:HG3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:NE2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:34:GLN:OE1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:HG23	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:46:VAL:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:48:LEU:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:56:LEU:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:CA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:CD1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:CG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:CG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HD11	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HD12	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HD13	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HG12	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HG13	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HG21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HG22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:HG23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:57:ILE:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:CD1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:CD2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:CG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HB2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HB3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HD11	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HD12	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HD13	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HD21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HD22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HD23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:HG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:58:LEU:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:CD	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:CG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:HA	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:HB2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:HB3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:HD2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:HD3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:HG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:HG3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:59:PRO:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:HB2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:HB3	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:71:CYS:SG	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:CG1	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:CG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HG11	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HG12	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HG13	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HG21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HG22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:HG23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:72:VAL:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:C	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:CA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:CB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:CG2	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:H	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:HA	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:HB	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:HG1	1	4.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:HG21	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:HG22	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:HG23	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:N	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:O	1	4.89
(1,26)	2:C:74:ASN:OD1	1:D:74:THR:OG1	1	4.89
(1,47)	1:A:52:PRO:HG2	2:B:40:GLU:HB2	1	4.83
(1,47)	1:A:52:PRO:HG2	2:B:40:GLU:HB3	1	4.83
(1,47)	1:A:52:PRO:HG3	2:B:37:GLU:HB2	1	4.83
(1,47)	1:A:52:PRO:HG3	2:B:37:GLU:HB3	1	4.83
(1,33)	1:D:57:ILE:C	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:C	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:37:GLU:OE1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:C	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:H	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:C	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:CZ	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:C	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:CA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:C	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:C	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:C	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:N	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CA	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:C	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:HG2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CA	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HH21	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:36:ASN:OD1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HD11	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HE2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HZ1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CB	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HD2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:HB2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:CD1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:CE	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HB3	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:HD22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CD1	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:CD	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:30:LYS:O	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HG22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:54:GLY:HA2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG1	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HD23	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CG1	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HG2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:H	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HG22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HD22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HE1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HB2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:CG2	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:H	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:37:GLU:OE1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:H	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:H	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:H	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:CZ	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:H	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:CA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:H	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:H	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:C	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:N	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HA	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:C	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:HG2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HA	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HH21	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:36:ASN:OD1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HD11	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HE2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HZ1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HB	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HD2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:HB2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:CD1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:CE	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HB3	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:HD22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD11	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:CD	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:30:LYS:O	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HG22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:54:GLY:HA2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD12	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HD23	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD12	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HG2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:H	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HG22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HD22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HE1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HB2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HD13	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:OE1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG12	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:H	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:CZ	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:CA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG12	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:C	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:N	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG13	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:C	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:HG2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG13	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HH21	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:36:ASN:OD1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HD11	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HE2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HZ1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG21	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HD2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:HB2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:CD1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:CE	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HB3	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:HD22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG22	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:CD	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:30:LYS:O	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HG22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:54:GLY:HA2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG23	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:CB	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HD23	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:HG23	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HG2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:N	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:H	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HG22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:N	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HD22	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:N	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:CZ	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HE1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HB2	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:N	2:C:83:LEU:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:CD	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:CZ	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HD3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HE	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HG3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HH11	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HH12	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HH21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:HH22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:NE	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:NH1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:NH2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:29:ARG:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:O	2:C:30:LYS:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:36:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:37:GLU:OE1	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:O	2:C:37:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:42:VAL:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:50:LEU:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:CG1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:CG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:H	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HG11	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HG12	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HG13	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HG21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HG22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:HG23	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:53:VAL:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:54:GLY:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:54:GLY:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:54:GLY:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:54:GLY:HA2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:54:GLY:HA3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:54:GLY:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:54:GLY:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:CE	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HE1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HE2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HE3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:HG3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:60:MET:SD	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:71:LEU:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:CD	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:CE	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HD3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HE2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HE3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HG3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HZ1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HZ2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:HZ3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:NZ	1	4.73
(1,33)	1:D:57:ILE:O	2:C:72:LYS:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CD1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CE1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CE2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:CZ	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:O	2:C:73:PHE:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HD1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HE1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HE2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:HZ	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:73:PHE:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:HD21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:HD22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:ND2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:74:ASN:OD1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:CA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:CD	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:HG2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:HG3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:O	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:OE1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:82:GLU:OE2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:C	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:CA	1	4.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:D:57:ILE:O	2:C:83:LEU:CB	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:CD1	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:CD2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:CG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:H	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HA	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HB2	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HB3	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HD11	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HD12	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HD13	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HD21	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HD22	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HD23	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:HG	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:N	1	4.73
(1,33)	1:D:57:ILE:O	2:C:83:LEU:O	1	4.73
(1,31)	1:D:28:THR:C	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:C	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:C	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:C	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:C	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:HA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:C	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:C	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:C	2:C:50:LEU:N	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:C	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:C	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:C	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:C	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:C	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:C	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:CA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:C	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:HG2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:C	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:C	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:C	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HH21	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CA	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:CA	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:36:ASN:OD1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CA	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HD11	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:HE2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CA	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HZ1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:CA	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:CB	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CA	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:CA	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HD2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:CB	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:HB2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CB	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:CD1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CB	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:CE	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CB	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HB3	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:CB	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:HD22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CB	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:CB	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:CD	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:30:LYS:O	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HG22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:54:GLY:HA2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CG2	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:CB	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:CB	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HD23	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:CG2	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:H	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HG2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:H	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:H	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:H	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:H	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:H	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:HG22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:H	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:H	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:H	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HD22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:H	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:H	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:HE1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:H	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:H	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HB2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:H	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:H	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HA	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:37:GLU:OE1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HA	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:H	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HA	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:CZ	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HA	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:CA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HA	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:HA	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:C	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HB	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HB	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:HA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HB	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:50:LEU:N	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HB	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:C	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HB	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HB	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:HG2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HB	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:HB	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HH21	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:36:ASN:OD1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HD11	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HE2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HZ1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:CB	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG1	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HD2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:HB2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:CD1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:CE	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG21	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HB3	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:HD22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG21	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:CD	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:30:LYS:O	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HG22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:54:GLY:HA2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG22	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:CB	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:CB	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HD23	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG22	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HG2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:H	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HG22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HD22	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HE1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HB2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:HG23	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:N	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:N	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:N	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:37:GLU:OE1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:N	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:H	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:N	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:N	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:N	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:N	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:N	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:CZ	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:N	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:N	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:CA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:N	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:N	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HH21	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:O	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:C	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:O	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:O	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:36:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:HA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:O	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:O	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:O	2:C:50:LEU:N	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:O	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:O	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:O	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HE2	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:C	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:O	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:O	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:CA	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:O	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:HG2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:O	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:O	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:O	2:C:83:LEU:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:CD	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:CZ	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HD3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HE	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HG3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HH11	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HH12	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HH21	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:HH22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:NE	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:NH1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:NH2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:29:ARG:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:CD	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:CE	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HZ1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:30:LYS:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:36:ASN:OD1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:CD	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:37:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:42:VAL:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HD11	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:HG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:50:LEU:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:CG1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:CG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HG11	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HG12	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HG13	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HG21	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HG22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:HG23	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:53:VAL:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:54:GLY:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:54:GLY:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:54:GLY:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:54:GLY:HA2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:54:GLY:HA3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:54:GLY:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:54:GLY:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:CE	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HE1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HE2	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HE3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:HG3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:60:MET:SD	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:HG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:71:LEU:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:CD	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:CE	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HD3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HE2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HE3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HG3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HZ1	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HZ2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:HZ3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:NZ	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:72:LYS:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CD1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CE1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CE2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:CZ	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HD1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HE1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HE2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:HZ	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:73:PHE:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:HD21	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:HD22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:ND2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:74:ASN:OD1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:CB	1	4.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:CD	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:HG2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:HG3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:O	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:OE1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:82:GLU:OE2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:C	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:CA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:CB	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:CD1	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:CD2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:CG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:H	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HA	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HB2	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HB3	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HD11	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HD12	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HD13	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HD21	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HD22	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HD23	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:HG	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:N	1	4.48
(1,31)	1:D:28:THR:OG1	2:C:83:LEU:O	1	4.48
(1,2)	1:A:36:SER:C	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:HA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:C	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:C	2:B:23:PHE:N	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:C	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:C	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:C	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:CG	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:C	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HD11	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:C	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:C	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:H	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:C	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:C	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:C	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:C	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:C	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HD1	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:CA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CA	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HB2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HD21	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HB3	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:CA	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HD2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:CA	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:CA	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HE2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CB	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:CG	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CB	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HD12	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:HG	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CB	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HE2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:CB	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HE3	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:CB	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:CB	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:21:PHE:O	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:H	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:HB2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:H	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:H	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:H	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HD22	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:H	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:C	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:H	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:H	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HG3	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:H	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:H	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HZ1	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:H	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:H	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:H	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:CB	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HA	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:HE22	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HA	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:46:LEU:N	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HA	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:CG	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HA	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:HZ3	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HA	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HA	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:N	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HA	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HA	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:HA	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:HA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB2	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:N	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:CA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:HB2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:59:LYS:O	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:C	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:HB2	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:HG21	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB3	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:26:GLN:OE1	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB3	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:CE1	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:O	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:CB	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:CG	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:HB3	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:N	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HG	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:28:GLY:H	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HG	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:HA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HG	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:C	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HG	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HG	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:CG	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HG	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:HG	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:HB2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:HG	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:HG	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:C	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:N	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:N	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:N	2:B:28:GLY:N	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:N	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:HD1	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:N	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:CD	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:N	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:N	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:N	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HB2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:N	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:N	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:HD22	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:N	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:N	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:CD1	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:O	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:O	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:O	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:CA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:O	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:HE2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:O	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:NE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:HA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:O	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:HG2	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:O	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:O	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HD12	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:O	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:O	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:O	2:B:74:ASN:O	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:O	2:B:74:ASN:OD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:21:PHE:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:CG2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:HB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:HG1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:HG21	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:HG22	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:HG23	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:22:THR:OG1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CE2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:CZ	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:HZ	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:23:PHE:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:CD	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:HE21	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:HE22	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:HG2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:HG3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:NE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:26:GLN:OE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:28:GLY:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:28:GLY:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:28:GLY:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:28:GLY:HA2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:28:GLY:HA3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:28:GLY:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:28:GLY:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:HA	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:OG	2:B:34:SER:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:HG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:34:SER:OG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:HG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:46:LEU:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:CD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:CE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:HD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:HD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:HE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:HE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:ND1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:48:HIS:NE2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:OG	2:B:48:HIS:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HD22	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:HG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:56:LEU:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:OD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:57:ASP:OD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:CD	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:HG2	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:OG	2:B:58:GLU:HG3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:OE1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:58:GLU:OE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:CD	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:CE	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:OG	2:B:59:LYS:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:CD1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:CD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HD11	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HD12	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HD13	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HD21	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HD22	1	4.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HD23	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:HG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:71:LEU:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:CD	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:CE	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HD2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HD3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HE2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HE3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HG2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HG3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HZ1	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HZ2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:HZ3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:NZ	1	4.36
(1,2)	1:A:36:SER:OG	2:B:72:LYS:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:C	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:CA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:CB	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:CG	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:H	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:HA	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:HB2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:HB3	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:HD21	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:HD22	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:N	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:ND2	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:O	1	4.36
(1,2)	1:A:36:SER:OG	2:B:74:ASN:OD1	1	4.36
(1,34)	1:D:58:LEU:C	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:C	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:N	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:C	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:C	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HG13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:54:GLY:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:C	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:C	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:C	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:C	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HD21	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:C	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:CG1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HG13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HD13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HD1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:H	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CA	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:N	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:CG1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:82:GLU:OE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CB	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:NH2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD1	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HD23	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:O	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD1	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:72:LYS:O	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CD1	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HH11	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:ND2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HB3	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HG2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CD2	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:H	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CG	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:HB3	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:CG	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:H	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:N	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:H	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:H	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HG13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:54:GLY:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:H	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:H	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:H	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:H	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HD21	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:H	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:CG1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HG13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HD13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HD1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:H	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HA	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:N	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:CG1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:82:GLU:OE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HB2	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:NH2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB3	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HD23	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:O	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB3	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:72:LYS:O	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HB3	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HH11	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:ND2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HB3	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HG2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD11	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:H	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:HB3	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD12	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:N	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HG13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:54:GLY:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD13	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HD21	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD13	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:CG1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HG13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HD13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HD1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:H	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD21	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:N	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:CG1	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:82:GLU:OE2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD22	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:NH2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD23	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:CG	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HD23	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:O	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD23	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:72:LYS:O	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HD23	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HH11	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:ND2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HB3	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HG2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:HG	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HB2	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:N	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:H	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:N	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:N	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:54:GLY:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:N	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:N	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:HB3	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:N	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:N	2:C:83:LEU:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:O	2:C:29:ARG:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:CD	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:CZ	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HD3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HE	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HG3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HH11	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HH12	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HH21	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:HH22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:NE	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:NH1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:NH2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:29:ARG:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:N	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:O	2:C:30:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:O	2:C:30:LYS:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:36:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:37:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HG13	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:42:VAL:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:50:LEU:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:CG1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:CG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HG11	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HG12	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HG13	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HG21	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HG22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:HG23	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:53:VAL:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:54:GLY:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:54:GLY:CA	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:O	2:C:54:GLY:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:54:GLY:HA2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:54:GLY:HA3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:54:GLY:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:54:GLY:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:CE	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HE1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HE2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HE3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:HG3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:60:MET:SD	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HD21	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:71:LEU:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:O	2:C:72:LYS:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:CD	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:CE	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HD3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HE2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HE3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HG3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HZ1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HZ2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:HZ3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:NZ	1	4.11
(1,34)	1:D:58:LEU:O	2:C:72:LYS:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CD1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CE1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CE2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:CZ	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HD1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HE1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HE2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:HZ	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:73:PHE:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:C	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:O	2:C:74:ASN:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:HD21	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:HD22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:ND2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:74:ASN:OD1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:CD	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:HG2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:HG3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:O	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:OE1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:82:GLU:OE2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:C	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:CA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:CB	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:CD1	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:CD2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:CG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:H	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HA	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HB2	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HB3	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HD11	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HD12	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HD13	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HD21	1	4.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HD22	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HD23	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:HG	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:N	1	4.11
(1,34)	1:D:58:LEU:O	2:C:83:LEU:O	1	4.11
(1,65)	1:D:51:PRO:HB2	2:C:42:VAL:HG11	1	3.71
(1,65)	1:D:51:PRO:HB2	2:C:42:VAL:HG12	1	3.71
(1,65)	1:D:51:PRO:HB2	2:C:42:VAL:HG13	1	3.71
(1,65)	1:D:51:PRO:HB2	2:C:42:VAL:HG21	1	3.71
(1,65)	1:D:51:PRO:HB2	2:C:42:VAL:HG22	1	3.71
(1,65)	1:D:51:PRO:HB2	2:C:42:VAL:HG23	1	3.71
(1,65)	1:D:51:PRO:HB3	2:C:35:VAL:HG11	1	3.71
(1,65)	1:D:51:PRO:HB3	2:C:35:VAL:HG12	1	3.71
(1,65)	1:D:51:PRO:HB3	2:C:35:VAL:HG13	1	3.71
(1,65)	1:D:51:PRO:HB3	2:C:35:VAL:HG21	1	3.71
(1,65)	1:D:51:PRO:HB3	2:C:35:VAL:HG22	1	3.71
(1,65)	1:D:51:PRO:HB3	2:C:35:VAL:HG23	1	3.71
(1,61)	1:D:38:GLN:HB2	2:C:37:GLU:HB2	1	3.59
(1,61)	1:D:38:GLN:HB2	2:C:37:GLU:HB3	1	3.59
(1,61)	1:D:38:GLN:HB3	2:C:40:GLU:HB2	1	3.59
(1,61)	1:D:38:GLN:HB3	2:C:40:GLU:HB3	1	3.59
(1,22)	2:C:50:LEU:C	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:22:GLY:O	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:C	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:HA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:C	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HD23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:C	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:C	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:C	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:71:CYS:SG	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:C	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:C	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:HG3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:N	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CA	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HD12	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:C	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:CA	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CB	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:HG23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:CA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:HA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:HG1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CB	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:CB	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:HG1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:CG2	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HD12	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HD23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:N	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD1	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:CD1	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:23:GLY:N	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD2	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:HG3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:CD2	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:22:GLY:HA2	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CG	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:CD	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HD13	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:HG23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:HB3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:CG	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:HD2	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:H	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:HG21	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:H	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:CD1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:H	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:HG3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:H	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:H	1:D:74:THR:OG1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:26:THR:OG1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HA	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HG13	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:N	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HA	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HA	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HA	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:CA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HB2	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HD13	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HG21	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HB2	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:23:GLY:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB3	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:HE21	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:48:LEU:O	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:CD1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HB3	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:22:GLY:C	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD11	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:C	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HB3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HG13	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD11	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:HA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:HA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:C	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:CG1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:HD2	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:HG23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD12	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:HG23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HD22	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:58:LEU:O	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:CA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD13	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:CA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:O	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD21	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:CG	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HB3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HG11	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD21	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:22:GLY:O	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD22	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:HA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HD23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:C	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:71:CYS:SG	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD22	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:HG3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:N	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HD12	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:C	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HD23	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HG	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:HG23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:CA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:HA	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:HG1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:HG	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:HG	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:23:GLY:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:HG1	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:N	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:HG3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:CG2	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:N	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HD12	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HD23	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:N	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:72:VAL:N	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:N	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:N	1:D:74:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:21:PRO:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:22:GLY:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:22:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:22:GLY:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:22:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:22:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:22:GLY:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:22:GLY:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:23:GLY:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:23:GLY:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:23:GLY:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:23:GLY:HA2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:23:GLY:HA3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:23:GLY:N	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:O	1:D:23:GLY:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:HB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:26:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:HB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:28:THR:OG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:CD	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:CG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:HB2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:HB3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:HE21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:HE22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:HG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:HG3	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:O	1:D:34:GLN:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:NE2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:34:GLN:OE1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:46:VAL:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:48:LEU:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:CB	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:O	1:D:56:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:56:LEU:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:CD1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:CG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:CG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HD11	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HD12	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HD13	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HG12	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HG13	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HG21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HG22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:HG23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:57:ILE:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:CD1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:CD2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:CG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HB2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HB3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HD11	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HD12	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HD13	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HD21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HD22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HD23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:HG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:58:LEU:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:CD	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:CG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:HB2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:HB3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:HD2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:HD3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:HG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:HG3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:59:PRO:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:HB2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:HB3	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:71:CYS:SG	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:CG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:CG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:H	1	3.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HG11	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HG12	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HG13	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HG21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HG22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:HG23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:72:VAL:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:C	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:CA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:CB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:CG2	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:H	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:HA	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:HB	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:HG1	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:HG21	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:HG22	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:HG23	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:N	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:O	1	3.55
(1,22)	2:C:50:LEU:O	1:D:74:THR:OG1	1	3.55
(1,11)	2:B:22:THR:C	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:HB2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:C	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:C	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:HE1	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:C	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:CG	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:C	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:C	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:HB	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:C	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:HG2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:C	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:C	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:C	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:C	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CA	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:C	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CA	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:54:PRO:N	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CA	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:72:VAL:O	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CA	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CA	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:CB	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CA	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:CA	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:N	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CB	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HB2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:HA	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CB	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:HB3	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CB	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CB	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:CB	1:A:83:SER:OG	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:HA	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:HG	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:60:GLU:OE2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:HA	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:CG2	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:CG2	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:N	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:H	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:H	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:37:PRO:O	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:H	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:HB2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:H	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:H	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:N	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:H	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:74:THR:OG1	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:H	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:H	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:H	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:H	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HA	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:HB2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HA	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:CB	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HA	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:H	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:HB2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HA	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HA	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:HA	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:30:GLU:OE1	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HB	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:42:MET:O	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HB	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:HG2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HB	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:HG23	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HB	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HB	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:C	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HB	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:HB	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:HB3	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG1	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:H	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:CG	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:HB1	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:N	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG1	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:HG1	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:CD	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HD22	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:O	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:CG2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG21	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:HG21	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:HB2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:HG3	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:H	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG22	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:HB2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:N	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG22	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:HG22	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:CD	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:H	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:C	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:CG1	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:H	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:HG23	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:N	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:N	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:N	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:HG3	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:N	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:HD2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:N	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:N	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:HG21	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:N	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:82:GLU:OE1	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:N	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:N	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:O	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:HA	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:O	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:CD2	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:O	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HD13	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:CB	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:O	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:O	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:H	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:O	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:O	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:HB3	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:O	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:O	1:A:83:SER:OG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:29:CYS:SG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:CD	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:CG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:30:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:HG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:36:SER:OG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:CA	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:CD	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:CG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:37:PRO:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:CE	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:CG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HE1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HE2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HE3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:HG3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:42:MET:SD	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:CD1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:CD2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:CG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HD11	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HD12	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HD13	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HD21	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HD22	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HD23	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:HG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:50:LEU:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:HG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:53:SER:OG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:CD	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:CG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:HD2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:HD3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:HG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:HG3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:54:PRO:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:CD	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:CG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:HG3	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:60:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:71:CYS:SG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:CG1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:CG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HG11	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HG12	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HG13	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HG21	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HG22	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:HG23	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:72:VAL:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:HB1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:73:ALA:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:CA	1	3.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	2:B:22:THR:OG1	1:A:74:THR:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:CG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:HB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:HG1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:HG21	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:HG22	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:HG23	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:74:THR:OG1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:CD	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:CG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:HG2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:HG3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:OE1	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:82:GLU:OE2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:C	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:CA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:CB	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:H	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:HA	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:HB2	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:HB3	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:HG	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:N	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:O	1	3.51
(1,11)	2:B:22:THR:OG1	1:A:83:SER:OG	1	3.51
(2,11)	1:A:73:ALA:HB1	2:B:39:LYS:HD2	1	3.46
(2,11)	1:A:73:ALA:HB1	2:B:39:LYS:HD3	1	3.46
(2,11)	1:A:73:ALA:HB2	2:B:30:LYS:HD2	1	3.46
(2,11)	1:A:73:ALA:HB2	2:B:30:LYS:HD3	1	3.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,11)	1:A:73:ALA:HB3	2:B:39:LYS:HD2	1	3.46
(2,11)	1:A:73:ALA:HB3	2:B:39:LYS:HD3	1	3.46
(2,29)	1:D:72:VAL:HB	2:C:37:GLU:HB2	1	3.45
(2,29)	1:D:72:VAL:HB	2:C:37:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CD1	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:CA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:C	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:HE2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:C	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:HA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:C	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:C	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HD12	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:C	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:C	2:B:74:ASN:O	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:C	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CE2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:HA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CA	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:NE2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CA	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:HG2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HD22	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:CA	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:H	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:HG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CB	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:CA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:O	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:N	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CB	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:CB	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CD2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HB3	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:34:SER:OG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:CD2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:C	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:CA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:CD	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HE1	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:CB	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:CD	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:CE	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:CG	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:N	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HA	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:CG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HD11	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:H	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:HA	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HD1	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:CA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HB2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HD21	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HB3	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HD2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:HB2	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HE2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:CG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HD12	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:HG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HE2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HE3	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:HB3	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:21:PHE:O	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:HB2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HD22	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:C	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HG3	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HZ1	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:HD2	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:CB	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:HE22	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:N	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD3	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:CG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:HZ3	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:N	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:HD3	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:HA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:N	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:CA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:HB2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:59:LYS:O	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:C	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:HG2	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:HG21	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:26:GLN:OE1	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG3	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:CE1	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:O	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:CB	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:CG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:HG3	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:N	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:N	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:28:GLY:H	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:N	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:28:GLY:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:HA	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:N	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:HD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:C	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:N	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:CD	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:N	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:CG	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:N	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:N	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:HB2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:N	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:HD22	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:N	2:B:74:ASN:OD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:21:PHE:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:CG2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:HB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:HG1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:HG21	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:HG22	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:HG23	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:22:THR:OG1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:C	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:CZ	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:HZ	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:23:PHE:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:CD	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:HE21	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:HE22	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:HG2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:HG3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:NE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:26:GLN:OE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:28:GLY:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:28:GLY:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:28:GLY:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:28:GLY:HA2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:28:GLY:HA3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:28:GLY:N	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:O	2:B:28:GLY:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:HG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:34:SER:OG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:46:LEU:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:CD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:CE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:HD1	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:O	2:B:48:HIS:HD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:HE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:HE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:ND1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:NE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:48:HIS:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:56:LEU:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:OD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:57:ASP:OD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:CD	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:O	2:B:58:GLU:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:HG2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:HG3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:OE1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:58:GLU:OE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:O	2:B:59:LYS:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:CD1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:CD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HB2	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HD11	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HD12	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HD13	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HD21	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HD22	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HD23	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:HG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:71:LEU:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:CD	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:CE	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HD2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HD3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HE2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HE3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HG2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HG3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HZ1	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HZ2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:HZ3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:NZ	1	3.45
(1,5)	1:A:54:PRO:O	2:B:72:LYS:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:C	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:CA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:CB	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:CG	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:H	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:HA	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:HB2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:HB3	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:HD21	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:HD22	1	3.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:54:PRO:O	2:B:74:ASN:N	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:ND2	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:O	1	3.45
(1,5)	1:A:54:PRO:O	2:B:74:ASN:OD1	1	3.45
(1,62)	1:D:38:GLN:HB2	2:C:29:ARG:HB2	1	3.41
(1,62)	1:D:38:GLN:HB3	2:C:25:ARG:HB2	1	3.41
(1,18)	2:B:74:ASN:C	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:36:SER:OG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:C	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HD11	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:HB3	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:C	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:73:ALA:O	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:C	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:C	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:C	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:CA	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:HB3	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:50:LEU:O	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CA	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:CA	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:HG1	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CA	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:CA	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:29:CYS:SG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:CA	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CB	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:HG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CB	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:71:CYS:SG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:CA	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:CB	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:HB2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HE1	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:CG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HB	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:HG2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:CG	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:C	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:H	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:C	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:H	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:54:PRO:N	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:H	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:72:VAL:O	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:H	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:H	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:CB	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:H	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:H	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:N	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HA	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HB2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:HA	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:HB3	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:HA	1:A:83:SER:OG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:HA	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:HG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:60:GLU:OE2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:HA	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:HB2	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:N	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:37:PRO:O	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:HB2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:N	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:74:THR:OG1	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:HB3	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:H	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HB2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:CB	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:H	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:HB2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:HD21	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:OE1	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD22	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:O	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD22	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:HG2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:HG23	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:C	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:HD22	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:HB3	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:N	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:H	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:CG	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:N	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:HB1	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:N	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:N	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:N	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:N	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:N	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:CD	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HD22	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:O	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:CG2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:ND2	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:HB2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:O	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:HG3	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:O	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:H	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:O	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:HB2	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:O	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:CG1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:N	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:O	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:O	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:O	1:A:83:SER:OG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:29:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:CD	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:30:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:HG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:36:SER:OG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:37:PRO:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:CE	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:CG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:H	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HE1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HE2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HE3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:HG3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:42:MET:SD	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:CD1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:CD2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:CG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HD11	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HD12	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HD13	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HD21	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HD22	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HD23	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:HG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:50:LEU:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:HG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:53:SER:OG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:C	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:CD	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:CG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:HD2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:HD3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:HG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:HG3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:54:PRO:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:60:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:71:CYS:SG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:CG1	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:CG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HG11	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HG12	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HG13	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HG21	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HG22	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:HG23	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:72:VAL:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:HB1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:73:ALA:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:CG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:HB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:HG1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:HG21	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:HG22	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:HG23	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:74:THR:OG1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:CD	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:CG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:H	1	3.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:HG2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:HG3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:OE1	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:82:GLU:OE2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:C	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:CA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:CB	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:H	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:HA	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:HB2	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:HB3	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:HG	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:N	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:O	1	3.19
(1,18)	2:B:74:ASN:OD1	1:A:83:SER:OG	1	3.19
(1,9)	1:A:82:GLU:C	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:CA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:C	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:HE21	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:C	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:HG	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:C	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:CB	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:C	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HZ2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:C	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:C	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:HZ3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:C	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:C	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:C	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:H	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CA	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:HG3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:C	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:HA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:NZ	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CA	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:72:LYS:O	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:CA	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:HG1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CB	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:O	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CB	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:CD2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:N	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:CA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:CB	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:CB	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:HG23	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CD	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:28:GLY:CA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CD	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:H	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:57:ASP:OD2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:CD2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:HA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:CD	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:22:THR:OG1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:28:GLY:HA3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CG	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:HB3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:CB	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:HD21	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:CG	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CB	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:C	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:H	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:HE1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:H	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:H	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:H	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:H	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HD11	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:H	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:ND2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:H	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:H	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CE1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:H	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HA	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:ND1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:HB3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HD21	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:HA	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:C	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:CZ	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:HB3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:C	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:N	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:HG	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:HB2	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CD1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HB2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:O	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB3	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:CD1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:58:GLU:OE2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:C	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:HB3	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CE2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HD2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:CA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:H	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:CB	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:CD	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:HG2	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:H	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:HZ	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:CD2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HB3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:CG	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:H	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:HG3	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HB3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:C	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:N	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HD13	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HB2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:N	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HB3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:N	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:N	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HE1	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:CD	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:O	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HD11	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HD23	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:O	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HD3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:O	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HE2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:O	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:O	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:N	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE1	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:HA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:HE21	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HD21	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:56:LEU:O	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HG2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HG3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:OE1	2:B:74:ASN:OD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:21:PHE:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:CA	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:CG2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:HB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:HG1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:HG21	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:HG22	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:HG23	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:22:THR:OG1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:CZ	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:HZ	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:23:PHE:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:CD	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:HE21	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:HE22	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:HG2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:HG3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:NE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:26:GLN:OE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:28:GLY:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:28:GLY:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:28:GLY:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:28:GLY:HA2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:28:GLY:HA3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:28:GLY:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:28:GLY:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:HG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:34:SER:OG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:HG	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:46:LEU:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:CD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:CE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:HD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:HD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:HE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:HE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:ND1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:NE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:48:HIS:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:56:LEU:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:CB	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:OD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:57:ASP:OD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:CD	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:HG2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:HG3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:OE1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:58:GLU:OE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HZ2	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:HZ3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:59:LYS:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:CD1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:CD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HD11	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HD12	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HD13	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HD21	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HD22	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HD23	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:HG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:71:LEU:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:CD	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:CE	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HD2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HD3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HE2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HE3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HG2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HG3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HZ1	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HZ2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:HZ3	1	3.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:NZ	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:72:LYS:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:C	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:CA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:CB	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:CG	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:H	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:HA	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:HB2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:HB3	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:HD21	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:HD22	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:N	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:ND2	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:O	1	3.11
(1,9)	1:A:82:GLU:OE2	2:B:74:ASN:OD1	1	3.11
(1,12)	2:B:26:GLN:C	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:30:GLU:OE2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:C	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:42:MET:SD	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:C	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:HG3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:C	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:C	1:A:72:VAL:N	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:C	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:C	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:CA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:C	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:C	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:HG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CA	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:H	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:HB2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:CA	1:A:83:SER:O	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CA	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:CG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HD23	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:OE1	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CB	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:H	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CB	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:CB	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:HB3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:N	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CD	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CD	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:HB3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:74:THR:O	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CD	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:CD	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:CG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:CA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:CG2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:CG	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:O	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:H	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:N	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:H	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:HD3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:H	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HG22	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:H	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:H	1:A:82:GLU:OE2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:H	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:H	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:HB2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HA	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:CG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:CD	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:HG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HA	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:HA	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HD21	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:N	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:HB2	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:HG2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:HG23	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:HB3	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:CG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:53:SER:OG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:CG	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:HE21	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:HG3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HG2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:HB3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HG13	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:O	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:HE22	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:H	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:CD1	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:CA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:HB2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:HG2	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:C	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HD12	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:HG2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:C	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:HG3	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:N	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:HD2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:N	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:C	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:N	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:N	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:HG21	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:N	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:N	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:N	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:C	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:N	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:C	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:CB	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:NE2	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:HB3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:O	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:HE2	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:O	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:HA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:O	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:54:PRO:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HG11	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:HG3	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:O	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:O	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:H	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:O	1:A:83:SER:OG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:29:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:30:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:CA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:HG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:36:SER:OG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:37:PRO:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:CE	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:CG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HE1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HE2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HE3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:HG3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:42:MET:SD	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:CA	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:CD1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:CD2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:CG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HD11	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HD12	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HD13	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HD21	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HD22	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HD23	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:HG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:50:LEU:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:HG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:53:SER:OG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:CD	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:CG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:HD2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:HD3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:HG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:HG3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:54:PRO:O	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:60:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:71:CYS:SG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:CG1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:CG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HG11	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HG12	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HG13	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HG21	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HG22	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:HG23	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:72:VAL:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:C	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:HB1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:73:ALA:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:CG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:HB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:HG1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:HG21	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:HG22	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:HG23	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:74:THR:OG1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:CD	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:CG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:H	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:HG2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:HG3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:OE1	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:82:GLU:OE2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:C	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:CA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:CB	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:H	1	2.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:HA	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:HB2	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:HB3	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:HG	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:N	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:O	1	2.78
(1,12)	2:B:26:GLN:OE1	1:A:83:SER:OG	1	2.78
(1,21)	2:C:42:VAL:C	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:HB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:C	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:CG1	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:C	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HD11	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HD22	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:HG23	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:C	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:C	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:23:GLY:HA3	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CA	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:HG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:CA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:CG	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:CG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:CA	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:22:GLY:H	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CB	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:CB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HD12	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HG22	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:HB2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:CB	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:HB3	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:HG1	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:CB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:H	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:HG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:O	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG1	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:O	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG2	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HG12	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:HG	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:CA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:CG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:CG2	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:CG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:H	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:C	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:H	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HD12	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HG13	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:H	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:23:GLY:CA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HA	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:HB3	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:N	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HA	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:CB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:CA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HA	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:21:PRO:O	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HB	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:28:THR:OG1	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HB2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HG12	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:CB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HB	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:CG	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:H	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:46:VAL:O	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:CD1	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:HB3	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:HG22	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG11	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:HG22	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HD21	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:N	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG12	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:C	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG12	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:C	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:NE2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:CD2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HB2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG13	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:22:GLY:N	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG21	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:H	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HD22	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:57:ILE:O	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:O	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG21	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG21	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:HG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:HG23	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:CG	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HD11	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:59:PRO:O	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG22	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:CA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:CA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HG22	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:C	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:CG	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:HB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:HG23	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:23:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:HB	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:N	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:HG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:CG1	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:N	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HD11	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HD22	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:HG23	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:N	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:N	1:D:74:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:21:PRO:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:22:GLY:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:22:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:22:GLY:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:22:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:22:GLY:HA3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:22:GLY:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:22:GLY:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:23:GLY:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:23:GLY:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:23:GLY:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:23:GLY:HA2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:23:GLY:HA3	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:O	1:D:23:GLY:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:23:GLY:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:HB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:26:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:HB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:28:THR:OG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:CD	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:CG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:HB2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:HB3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:HE21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:HE22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:HG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:O	1:D:34:GLN:HG3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:NE2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:34:GLN:OE1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:CG2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:46:VAL:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:48:LEU:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:CA	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:O	1:D:56:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:CG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:56:LEU:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:CD1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:CG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:CG2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HD11	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HD12	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HD13	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HG12	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HG13	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HG21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HG22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:HG23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:57:ILE:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:CD1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:CD2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:CG	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:O	1:D:58:LEU:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HB2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HB3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HD11	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HD12	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HD13	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HD21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HD22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HD23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:HG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:58:LEU:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:CD	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:CG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:HB2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:HB3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:HD2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:HD3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:HG2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:HG3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:59:PRO:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:HB2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:HB3	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:71:CYS:SG	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:CG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:CG2	1	2.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,21)	2:C:42:VAL:O	1:D:72:VAL:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HG11	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HG12	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HG13	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HG21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HG22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:HG23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:72:VAL:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:C	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:CA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:CB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:CG2	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:H	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:HA	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:HB	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:HG1	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:HG21	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:HG22	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:HG23	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:N	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:O	1	2.63
(1,21)	2:C:42:VAL:O	1:D:74:THR:OG1	1	2.63
(1,45)	1:A:51:PRO:HB2	2:B:42:VAL:HG11	1	2.55
(1,45)	1:A:51:PRO:HB2	2:B:42:VAL:HG12	1	2.55
(1,45)	1:A:51:PRO:HB2	2:B:42:VAL:HG13	1	2.55
(1,45)	1:A:51:PRO:HB2	2:B:42:VAL:HG21	1	2.55
(1,45)	1:A:51:PRO:HB2	2:B:42:VAL:HG22	1	2.55
(1,45)	1:A:51:PRO:HB2	2:B:42:VAL:HG23	1	2.55
(1,45)	1:A:51:PRO:HB3	2:B:35:VAL:HG11	1	2.55
(1,45)	1:A:51:PRO:HB3	2:B:35:VAL:HG12	1	2.55
(1,45)	1:A:51:PRO:HB3	2:B:35:VAL:HG13	1	2.55
(1,45)	1:A:51:PRO:HB3	2:B:35:VAL:HG21	1	2.55
(1,45)	1:A:51:PRO:HB3	2:B:35:VAL:HG22	1	2.55
(1,45)	1:A:51:PRO:HB3	2:B:35:VAL:HG23	1	2.55
(1,75)	1:D:93:PRO:HB2	2:C:37:GLU:HB2	1	2.44
(1,75)	1:D:80:PRO:HB2	2:C:37:GLU:HB3	1	2.44
(1,75)	1:D:93:PRO:HB3	2:C:40:GLU:HB2	1	2.44
(1,75)	1:D:80:PRO:HB3	2:C:40:GLU:HB3	1	2.44
(1,25)	2:C:72:LYS:C	1:D:21:PRO:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:C	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:C	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HG21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:56:LEU:O	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:C	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:CD	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:C	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:C	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:C	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CA	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:CB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HB3	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HD21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HG22	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:CA	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:23:GLY:HA2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CB	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:HE22	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:CD2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:CG1	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:CB	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:22:GLY:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CD	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HD11	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HG21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:CD	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:HB2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:HB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CE	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:CG2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:HD3	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CE	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:CE	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CG	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HG11	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HD23	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:CB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:CG	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:CG	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:CB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:H	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:34:GLN:OE1	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:H	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:H	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HD11	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HG12	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:H	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:23:GLY:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HA	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:HB2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:HG	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HA	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB2	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:O	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB2	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HD13	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HB2	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:CD	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:CG2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB3	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:CB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:HB2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:HG21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HB3	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:HG21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:H	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HD13	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:HG	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:72:VAL:O	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HD2	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:23:GLY:O	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:CD1	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HD3	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:22:GLY:HA3	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE2	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:CG	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HD21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE2	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HE2	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:HD3	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:HG22	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:CD2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HE3	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HE3	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HG21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:56:LEU:O	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:CD	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HG2	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:CB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HB3	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HD21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HG22	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HG3	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:23:GLY:HA2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ1	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:HE22	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:CD2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:CG1	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ1	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:22:GLY:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ2	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HD11	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HG21	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:HA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ2	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:HB2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:HB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:CG2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:HD3	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:HZ3	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:N	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:N	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HG11	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HD23	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:N	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:N	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:CB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:N	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:N	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:23:GLY:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:CB	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:HB2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:34:GLN:OE1	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:H	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HD11	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HG12	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:NZ	1:D:74:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:21:PRO:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:22:GLY:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:22:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:22:GLY:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:22:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:22:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:22:GLY:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:22:GLY:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:23:GLY:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:O	1:D:23:GLY:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:23:GLY:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:23:GLY:HA2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:23:GLY:HA3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:23:GLY:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:23:GLY:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:HB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:26:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:HB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:28:THR:OG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:CD	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:CG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:HB2	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:O	1:D:34:GLN:HB3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:HE21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:HE22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:HG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:HG3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:NE2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:34:GLN:OE1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:46:VAL:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:HG	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:O	1:D:48:LEU:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:48:LEU:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:56:LEU:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:CD1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:CG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:CG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HD11	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HD12	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HD13	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HG12	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HG13	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HG21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HG22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:HG23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:57:ILE:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:CA	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:O	1:D:58:LEU:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:CD1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:CD2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:CG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HB2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HB3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HD11	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HD12	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HD13	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HD21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HD22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HD23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:HG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:58:LEU:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:CD	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:CG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:HB2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:HB3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:HD2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:HD3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:HG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:HG3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:59:PRO:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:HB2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:HB3	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:71:CYS:SG	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:C	1	2.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	2:C:72:LYS:O	1:D:72:VAL:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:CG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:CG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HG11	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HG12	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HG13	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HG21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HG22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:HG23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:72:VAL:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:C	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:CA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:CB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:CG2	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:H	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:HA	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:HB	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:HG1	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:HG21	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:HG22	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:HG23	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:N	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:O	1	2.26
(1,25)	2:C:72:LYS:O	1:D:74:THR:OG1	1	2.26
(1,7)	1:A:72:VAL:C	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:C	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HD13	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:C	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:C	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:C	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:CD	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HD11	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HD23	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HD3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HE2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:CA	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CB	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HD21	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:56:LEU:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HG2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:CB	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:CA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:HE21	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:HG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HZ2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:HZ3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:CG1	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:NZ	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG2	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:72:LYS:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:CG2	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:HG1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:H	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:26:GLN:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:H	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:CD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:H	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:H	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:H	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:CA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:H	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:H	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:H	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:H	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:HG23	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HA	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:28:GLY:CA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HA	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:57:ASP:OD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:CD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HA	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:22:THR:OG1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:28:GLY:HA3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HB	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:HD21	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HB	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:HE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HD11	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:ND2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HG11	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:ND1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HD21	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HG12	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:CZ	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:HG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HG13	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CD1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG21	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:CD1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:58:GLU:OE2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HG21	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CE2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:CA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:CD	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HG22	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:HZ	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:CD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:CG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:HG23	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:N	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:CD	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HD13	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:N	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:N	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:N	2:B:74:ASN:OD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:21:PHE:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:CG2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:HB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:HG1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:HG21	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:HG22	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:HG23	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:22:THR:OG1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CE1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:CZ	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HE1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:HZ	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:23:PHE:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:CD	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:O	2:B:26:GLN:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:HE21	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:HE22	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:HG2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:HG3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:NE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:26:GLN:OE1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:28:GLY:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:28:GLY:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:28:GLY:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:28:GLY:HA2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:28:GLY:HA3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:28:GLY:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:28:GLY:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:HG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:34:SER:OG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HD11	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:46:LEU:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:CD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:CE1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:HD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:HD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:HE1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:HE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:ND1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:NE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:48:HIS:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HD23	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:O	2:B:56:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:56:LEU:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:OD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:57:ASP:OD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:CD	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:HG2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:HG3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:OE1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:58:GLU:OE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HD3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HE2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:O	2:B:59:LYS:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:CD1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:CD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HD11	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HD12	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HD13	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HD21	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HD22	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HD23	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:HG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:71:LEU:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:CD	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:CE	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HD2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HD3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HE2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HE3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HG2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HG3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HZ1	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HZ2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:HZ3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:NZ	1	2.2
(1,7)	1:A:72:VAL:O	2:B:72:LYS:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:C	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:CA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:CB	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:CG	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:H	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:HA	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:HB2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:HB3	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:HD21	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:HD22	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:N	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:ND2	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:O	1	2.2
(1,7)	1:A:72:VAL:O	2:B:74:ASN:OD1	1	2.2
(1,67)	1:D:52:PRO:HG2	2:C:40:GLU:HB2	1	2.2
(1,67)	1:D:52:PRO:HG2	2:C:40:GLU:HB3	1	2.2
(1,67)	1:D:52:PRO:HG3	2:C:37:GLU:HB2	1	2.2
(1,67)	1:D:52:PRO:HG3	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:C	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:C	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:C	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HE3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:C	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:74:ASN:OD1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:C	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:C	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:CG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CA	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CA	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:HZ3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HG12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:54:GLY:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CB	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:71:LEU:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:73:PHE:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HD13	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CB	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HD3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HG12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HD12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:CG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CD1	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:CE	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:CD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:OE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CD2	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CD2	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:NH1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:CD	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HD22	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CG	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:NZ	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CG	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:CG	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:H	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:H	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:H	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HE3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:H	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:74:ASN:OD1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:H	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:H	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:CG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HA	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HA	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:HZ3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HG12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:54:GLY:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB2	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:71:LEU:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:73:PHE:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HD13	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HB2	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HD3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HG12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HD12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:CG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HB3	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:CE	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:CD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:OE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD11	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD11	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:NH1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:CD	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HD22	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:NZ	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD12	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD12	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HE3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:74:ASN:OD1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD13	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:CG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:H	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD21	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:HZ3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HG12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:54:GLY:C	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD22	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:71:LEU:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:73:PHE:O	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HD13	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD22	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HD3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HG12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HD12	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HB3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:CG	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HD23	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:CE	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:CB	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:CD2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:OE1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:HG	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:HG	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HG3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:NH1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:N	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:N	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:CD	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:N	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HD22	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:N	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:72:LYS:NZ	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:N	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:74:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:N	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:N	2:C:83:LEU:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:CD	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:CZ	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HD3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HE	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HG3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HH11	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HH12	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HH21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:HH22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:NE	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:NH1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:NH2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:29:ARG:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HE3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:O	2:C:30:LYS:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:N	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:O	2:C:36:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:36:ASN:OD1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:37:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:42:VAL:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HA	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:50:LEU:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:CG1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:CG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HG11	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HG12	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HG13	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HG21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HG22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:HG23	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:53:VAL:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:54:GLY:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:54:GLY:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:54:GLY:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:54:GLY:HA2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:54:GLY:HA3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:54:GLY:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:54:GLY:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:CE	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:HB2	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:O	2:C:60:MET:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:HE1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:HE2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:HE3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:HG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:HG3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:60:MET:SD	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:71:LEU:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:CD	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:CE	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HD3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HE2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HE3	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HG3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HZ1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HZ2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:HZ3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:NZ	1	2.2
(1,32)	1:D:48:LEU:O	2:C:72:LYS:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CD1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CE1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CE2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:CZ	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HD1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HE1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HE2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:HZ	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:73:PHE:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:HD21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:HD22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:ND2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:74:ASN:OD1	1	2.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:D:48:LEU:O	2:C:82:GLU:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:CD	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:HG2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:HG3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:O	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:OE1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:82:GLU:OE2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:C	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:CA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:CB	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:CD1	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:CD2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:CG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:H	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HA	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HB2	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HB3	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HD11	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HD12	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HD13	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HD21	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HD22	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HD23	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:HG	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:N	1	2.2
(1,32)	1:D:48:LEU:O	2:C:83:LEU:O	1	2.2
(1,19)	2:C:30:LYS:C	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:HB3	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:C	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:HG1	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:C	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:CB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:C	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:H	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:HG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:C	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:C	1:D:74:THR:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:C	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:26:THR:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CA	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HG12	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:HG	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:CG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CA	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:CA	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:CG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CB	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:C	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HD12	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HG13	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:CB	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:23:GLY:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CD	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:HB3	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:N	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CD	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:CB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:CD	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:21:PRO:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CE	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:28:THR:OG1	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HB2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HG12	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:CB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:CE	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:CG	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:H	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CG	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:46:VAL:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:CD1	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:HB3	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:HG22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:CG	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:CG	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:HG22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:H	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HD21	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:58:LEU:N	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:H	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:C	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:H	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:H	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:C	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HA	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:NE2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:CD2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HB2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HA	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:22:GLY:N	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB2	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:H	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HD22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:57:ILE:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB2	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HB2	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:HG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:HG23	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:CG	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HD11	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:59:PRO:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HB3	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HG22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:C	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:CG	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:HB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HD2	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:HB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:CG1	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HD11	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HD22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:HG23	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HD3	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:23:GLY:HA3	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE2	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:HG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:CG	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:CG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HE2	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:22:GLY:H	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE3	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:CB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HD12	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HG22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:HB2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HE3	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:HB3	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:HG1	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:CB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:H	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:HG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG2	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG3	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HG12	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:HG	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:CG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HG3	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:CG2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:C	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HD12	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HG13	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ1	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:23:GLY:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ2	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:HB3	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:N	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ2	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:CB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:CA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ2	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:21:PRO:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ3	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:28:THR:OG1	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HB2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HG12	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:CB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:HZ3	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:CG	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:N	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:H	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:N	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:46:VAL:O	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:N	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:CD1	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:N	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:HB3	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:N	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:HG22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:N	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:N	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:HG22	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:NE2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HA	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HD21	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:N	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:NZ	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:C	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:NZ	1:D:74:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:21:PRO:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:22:GLY:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:22:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:22:GLY:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:22:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:22:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:22:GLY:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:22:GLY:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:23:GLY:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:23:GLY:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:23:GLY:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:23:GLY:HA2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:23:GLY:HA3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:23:GLY:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:23:GLY:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:C	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:O	1:D:26:THR:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:HB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:26:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:HB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:28:THR:OG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:CD	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:CG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:HB2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:HB3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:HE21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:HE22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:HG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:HG3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:NE2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:O	1:D:34:GLN:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:34:GLN:OE1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:46:VAL:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:48:LEU:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:CD2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:O	1:D:56:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HB2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:56:LEU:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:CD1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:CG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:CG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HD11	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HD12	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HD13	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HG12	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HG13	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HG21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HG22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:HG23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:57:ILE:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:CD1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:CD2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:CG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HB2	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HB3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HD11	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HD12	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HD13	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HD21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HD22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HD23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:HG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:58:LEU:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:CD	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:CG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:HB2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:HB3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:HD2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:HD3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:HG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:HG3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:59:PRO:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:HB2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:HB3	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:71:CYS:SG	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:CG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:CG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HB	1	1.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HG11	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HG12	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HG13	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HG21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HG22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:HG23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:72:VAL:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:C	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:CA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:CB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:CG2	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:H	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:HA	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:HB	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:HG1	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:HG21	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:HG22	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:HG23	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:N	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:O	1	1.99
(1,19)	2:C:30:LYS:O	1:D:74:THR:OG1	1	1.99
(1,8)	1:A:74:THR:C	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:21:PHE:O	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:C	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:HB2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:C	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:C	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:C	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HD22	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:C	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:C	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:C	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:C	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HG3	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:C	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:C	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HZ1	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:C	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:C	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:C	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:CB	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CA	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:HE22	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CA	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:46:LEU:N	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CA	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:CG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CA	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:HZ3	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CA	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:CA	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:N	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CA	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:CA	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:CA	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:HA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CB	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:N	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CB	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:CA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CB	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:HB2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CB	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:CB	2:B:59:LYS:O	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CB	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:CB	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:C	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CB	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:CB	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:HG21	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CG2	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:26:GLN:OE1	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CG2	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:CE1	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:O	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:CB	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:CG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:CG2	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:N	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:H	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:28:GLY:H	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:H	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:H	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:H	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:HA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:H	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:C	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:H	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:H	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:H	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:CG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:H	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:H	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:HB2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:H	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:H	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:C	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:28:GLY:N	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HA	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:HD1	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HA	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:CD	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HA	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HA	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HB2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HA	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:HD22	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HA	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:HA	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CD1	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:CA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HB	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:HE2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HB	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:HA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HB	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HB	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HD12	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HB	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:HB	2:B:74:ASN:O	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HB	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CE2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:HA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG1	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:NE2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG1	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:HG2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HD22	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:HG1	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:H	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:HG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG21	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:CA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:O	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:N	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG21	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:HG21	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CD2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HB3	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:34:SER:OG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:CD2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:C	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:CA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:HG22	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HE1	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:CB	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:CD	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:CE	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:HG23	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:HA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:N	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:N	2:B:23:PHE:N	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:N	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:N	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:N	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:CG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:N	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HD11	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:N	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:N	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:H	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:N	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:N	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:N	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:N	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:N	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:HD1	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:O	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:CA	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:O	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:O	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:O	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HB2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:O	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HD21	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:O	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:HG	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:O	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HB3	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:O	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:O	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HD2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:O	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:O	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:O	2:B:74:ASN:OD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HE2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:21:PHE:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:CG2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:HB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:HG1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:HG21	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:HG22	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:HG23	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:22:THR:OG1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:CZ	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:HZ	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:23:PHE:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:CD	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:CG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:HE21	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:HE22	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:HG2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:HG3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:NE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:26:GLN:OE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:28:GLY:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:28:GLY:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:28:GLY:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:28:GLY:HA2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:28:GLY:HA3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:28:GLY:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:28:GLY:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:HG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:34:SER:OG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HD12	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:HG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:46:LEU:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:CD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:CE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:HD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:HD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:HE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:HE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:ND1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:NE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:48:HIS:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:HG	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:56:LEU:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:OD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:57:ASP:OD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:CD	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:HG2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:HG3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:OE1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:58:GLU:OE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:CD	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:CE	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HE2	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HE3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:59:LYS:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:CD1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:CD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HD11	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HD12	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HD13	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HD21	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HD22	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HD23	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:HG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:71:LEU:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:CD	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:CE	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HD2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HD3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HE2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HE3	1	1.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HG2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HG3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HZ1	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HZ2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:HZ3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:NZ	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:72:LYS:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:C	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:CA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:CB	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:CG	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:H	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:HA	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:HB2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:HB3	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:HD21	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:HD22	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:N	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:ND2	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:O	1	1.98
(1,8)	1:A:74:THR:OG1	2:B:74:ASN:OD1	1	1.98
(2,22)	1:D:41:TRP:HB2	2:C:63:LEU:HD11	1	1.83
(2,22)	1:D:41:TRP:HB2	2:C:63:LEU:HD12	1	1.83
(2,22)	1:D:41:TRP:HB2	2:C:63:LEU:HD13	1	1.83
(2,22)	1:D:41:TRP:HB2	2:C:63:LEU:HD21	1	1.83
(2,22)	1:D:41:TRP:HB2	2:C:63:LEU:HD22	1	1.83
(2,22)	1:D:41:TRP:HB2	2:C:63:LEU:HD23	1	1.83
(2,22)	1:D:41:TRP:HB3	2:C:56:LEU:HD11	1	1.83
(2,22)	1:D:41:TRP:HB3	2:C:56:LEU:HD12	1	1.83
(2,22)	1:D:41:TRP:HB3	2:C:56:LEU:HD13	1	1.83
(2,22)	1:D:41:TRP:HB3	2:C:56:LEU:HD21	1	1.83
(2,22)	1:D:41:TRP:HB3	2:C:56:LEU:HD22	1	1.83
(2,22)	1:D:41:TRP:HB3	2:C:56:LEU:HD23	1	1.83
(1,10)	2:B:21:PHE:C	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:C	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:37:PRO:O	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:C	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:C	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:C	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:74:THR:OG1	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:C	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:C	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:C	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:CB	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CA	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:OE1	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CB	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:42:MET:O	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CB	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:HG2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:HG23	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:C	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CB	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CB	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:HB3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:CG	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:HB1	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CD1	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:CD	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HD22	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:O	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:CG2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CD2	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:HG3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CE1	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:CD	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:C	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:CG1	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CE2	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:HG3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CG	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:HD2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HG21	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:OE1	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CG	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CG	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:HA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:CD2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:CB	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:HB3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:CZ	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:H	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HD13	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:HG3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:H	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:H	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:H	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:H	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:HD3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HA	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:H	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:HG22	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HA	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HA	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:CE	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:O	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB2	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:CD	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HB2	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:HG2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HE3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HG12	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HB3	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:CB	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:CB	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:C	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:HA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HD1	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:36:SER:OG	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HD11	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:HB3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:73:ALA:O	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HD2	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:HB3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:50:LEU:O	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:HG1	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HE1	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:29:CYS:SG	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:HG	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:71:CYS:SG	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:CA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HE2	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HE1	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:CG	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HB	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:HG2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:HZ	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:C	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:N	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:C	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:N	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:54:PRO:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:N	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:72:VAL:O	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:N	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:N	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:CB	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:N	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:N	1:A:83:SER:OG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:29:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:30:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:HG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:N	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:O	1:A:36:SER:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:36:SER:OG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:37:PRO:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:CE	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:CG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HE1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HE2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HE3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:HG3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:42:MET:SD	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:CD1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:CD2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:CG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HB2	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HD11	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HD12	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HD13	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HD21	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HD22	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HD23	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:HG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:50:LEU:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:HG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:53:SER:OG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:CD	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:CG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:HD2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:HD3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:HG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:HG3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:54:PRO:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:HA	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:O	1:A:60:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:60:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:71:CYS:SG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:CG1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:CG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HG11	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HG12	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HG13	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HG21	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HG22	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:HG23	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:72:VAL:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:HB1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:HB3	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	2:B:21:PHE:O	1:A:73:ALA:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:73:ALA:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:CG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:HB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:HG1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:HG21	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:HG22	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:HG23	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:74:THR:OG1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:CD	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:CG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:HG2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:HG3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:OE1	1	1.82
(1,10)	2:B:21:PHE:O	1:A:82:GLU:OE2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:C	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:CA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:CB	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:H	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:HA	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:HB2	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:HB3	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:HG	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:N	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:O	1	1.82
(1,10)	2:B:21:PHE:O	1:A:83:SER:OG	1	1.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,72)	1:D:77:SER:HB2	2:C:54:GLY:HA2	1	1.32
(1,72)	1:D:76:SER:HB2	2:C:54:GLY:HA3	1	1.32
(1,72)	1:D:77:SER:HB3	2:C:28:GLY:HA2	1	1.32
(1,72)	1:D:76:SER:HB3	2:C:28:GLY:HA3	1	1.32
(1,13)	2:B:28:GLY:C	1:A:29:CYS:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:29:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:30:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:HG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:36:SER:OG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:C	1:A:37:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:37:PRO:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:CE	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:CG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HE1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HE2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HE3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:HG3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:42:MET:SD	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:CD1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:CD2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:CG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HD11	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HD12	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HD13	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HD21	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HD22	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HD23	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:HG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:50:LEU:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:HG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:53:SER:OG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:54:PRO:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:HG3	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:C	1:A:60:GLU:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:60:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:71:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:CG1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:CG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HG11	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HG12	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HG13	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HG21	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HG22	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:HG23	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:72:VAL:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:HB1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:73:ALA:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:C	1:A:74:THR:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:CG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:HB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:HG1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:HG21	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:HG22	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:HG23	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:74:THR:OG1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:C	1:A:82:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:C	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:CA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:CB	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:H	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:HA	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:HG	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:N	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:O	1	1.28
(1,13)	2:B:28:GLY:C	1:A:83:SER:OG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:H	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:29:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:30:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:HG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:36:SER:OG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:HD3	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:37:PRO:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:CE	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:CG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HE1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HE2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HE3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:HG3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:42:MET:SD	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:CD1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:CD2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:CG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HD11	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HD12	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HD13	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HD21	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HD22	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HD23	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:HG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:50:LEU:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:CA	1:A:53:SER:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:HG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:53:SER:OG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:54:PRO:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:60:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:H	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:71:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:CG1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:CG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HG11	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HG12	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HG13	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HG21	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HG22	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:HG23	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:72:VAL:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:HB1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:73:ALA:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:CG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:HB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:HG1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:HG21	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:HG22	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:CA	1:A:74:THR:HG23	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:74:THR:OG1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:82:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:C	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:CA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:CB	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:H	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:HA	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:HG	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:N	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:O	1	1.28
(1,13)	2:B:28:GLY:CA	1:A:83:SER:OG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:29:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:H	1:A:30:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:30:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:HG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:36:SER:OG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:37:PRO:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:CE	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:H	1:A:42:MET:CG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HE1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HE2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HE3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:HG3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:42:MET:SD	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:CD1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:CD2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:CG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HD11	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HD12	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HD13	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HD21	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HD22	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HD23	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:HG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:50:LEU:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:HG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:53:SER:O	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:H	1:A:53:SER:OG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:54:PRO:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:60:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:71:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:H	1:A:72:VAL:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:CG1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:CG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HG11	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HG12	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HG13	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HG21	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HG22	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:HG23	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:72:VAL:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:HB1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:73:ALA:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:CG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:HB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:HG1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:HG21	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:HG22	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:HG23	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:74:THR:OG1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:CD	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:H	1:A:82:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:H	1:A:82:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:C	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:CA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:CB	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:H	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:HA	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:HG	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:N	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:O	1	1.28
(1,13)	2:B:28:GLY:H	1:A:83:SER:OG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:29:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:HG2	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:30:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:HG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:36:SER:OG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:37:PRO:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:CE	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:CG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HE1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HE2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HE3	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HG2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:HG3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:42:MET:SD	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:CD1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:CD2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:CG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HD11	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HD12	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HD13	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HD21	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HD22	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HD23	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:HG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:50:LEU:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:HG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:53:SER:OG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:HB2	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:54:PRO:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:60:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:71:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:CG1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:CG2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HG11	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HG12	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HG13	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HG21	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HG22	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:HG23	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:72:VAL:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:HB1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:73:ALA:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:CG2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:HB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:HG1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:HG21	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:HG22	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:HG23	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:74:THR:OG1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:N	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:82:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:C	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:CA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:CB	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:H	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:HA	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:HG	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:N	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:O	1	1.28
(1,13)	2:B:28:GLY:HA2	1:A:83:SER:OG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:29:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:30:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:CB	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:HG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:36:SER:OG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:37:PRO:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:CE	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:CG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HE1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HE2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HE3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:HG3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:42:MET:SD	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:CB	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:CD1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:CD2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:CG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HD11	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HD12	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HD13	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HD21	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HD22	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HD23	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:HG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:50:LEU:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:HG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:53:SER:OG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:54:PRO:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:C	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:60:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:71:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:CG1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:CG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HG11	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HG12	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HG13	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HG21	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HG22	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:HG23	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:72:VAL:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:HB1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:73:ALA:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:CG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:HB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:HG1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:HG21	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:HG22	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:HG23	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:74:THR:OG1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:82:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:C	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:CA	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:CB	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:H	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:HA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:HG	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:N	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:O	1	1.28
(1,13)	2:B:28:GLY:HA3	1:A:83:SER:OG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:29:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:30:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:HG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:36:SER:OG	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:N	1:A:37:PRO:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:37:PRO:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:CE	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:CG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HE1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HE2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HE3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:HG3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:42:MET:SD	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:CD1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:CD2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:CG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HD11	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HD12	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HD13	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HD21	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HD22	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HD23	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:HG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:50:LEU:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:HG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:53:SER:OG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:54:PRO:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:HB3	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:N	1:A:60:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:60:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:71:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:CG1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:CG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HG11	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HG12	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HG13	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HG21	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HG22	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:HG23	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:72:VAL:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:HB1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:73:ALA:O	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:N	1:A:74:THR:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:CG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:HB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:HG1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:HG21	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:HG22	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:HG23	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:74:THR:OG1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:N	1:A:82:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:C	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:CA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:CB	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:H	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:HA	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:HG	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:N	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:O	1	1.28
(1,13)	2:B:28:GLY:N	1:A:83:SER:OG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:O	1:A:29:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:29:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:30:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:HG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:36:SER:OG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:HB3	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:O	1:A:37:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:37:PRO:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:CE	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:CG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HE1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HE2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HE3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:HG3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:42:MET:SD	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:CD1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:CD2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:CG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HD11	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HD12	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HD13	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HD21	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HD22	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HD23	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:HG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:50:LEU:O	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:O	1:A:53:SER:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:HG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:53:SER:OG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:CD	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:CG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:HD2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:HD3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:HG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:HG3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:54:PRO:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:60:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:CA	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:O	1:A:71:CYS:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:71:CYS:SG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:CG1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:CG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HG11	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HG12	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HG13	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HG21	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HG22	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:HG23	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:72:VAL:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:HB1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:73:ALA:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:CG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:HB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:HG1	1	1.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,13)	2:B:28:GLY:O	1:A:74:THR:HG21	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:HG22	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:HG23	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:74:THR:OG1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:CD	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:CG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:HG2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:HG3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:OE1	1	1.28
(1,13)	2:B:28:GLY:O	1:A:82:GLU:OE2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:C	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:CA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:CB	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:H	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:HA	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:HB2	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:HB3	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:HG	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:N	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:O	1	1.28
(1,13)	2:B:28:GLY:O	1:A:83:SER:OG	1	1.28
(1,23)	2:C:54:GLY:C	1:D:21:PRO:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:HD3	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:C	1:D:21:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:21:PRO:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:22:GLY:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:22:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:22:GLY:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:22:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:22:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:22:GLY:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:22:GLY:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:23:GLY:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:23:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:23:GLY:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:23:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:23:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:23:GLY:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:23:GLY:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:HB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:26:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:HB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:HG22	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:C	1:D:28:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:28:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:CD	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:CG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:HB2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:HB3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:HE21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:HE22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:HG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:HG3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:NE2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:34:GLN:OE1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:46:VAL:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:CD2	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:C	1:D:48:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:48:LEU:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:56:LEU:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:CD1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:CG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:CG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HB	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HD11	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HD12	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HD13	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HG12	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HG13	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HG21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HG22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:HG23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:57:ILE:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:58:LEU:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:59:PRO:N	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:C	1:D:59:PRO:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:HB2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:HB3	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:71:CYS:SG	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:72:VAL:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:C	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:CA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:CB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:H	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:HA	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:HB	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:N	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:O	1	1.22
(1,23)	2:C:54:GLY:C	1:D:74:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:C	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:21:PRO:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:22:GLY:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:22:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:22:GLY:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:22:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:22:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:22:GLY:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:22:GLY:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:23:GLY:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:23:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:23:GLY:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:23:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:23:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:23:GLY:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:23:GLY:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:HB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:26:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:C	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:CA	1:D:28:THR:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:HB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:28:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:CD	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:CG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:HB2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:HB3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:HE21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:HE22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:HG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:HG3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:NE2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:34:GLN:OE1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HG21	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:46:VAL:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:48:LEU:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:56:LEU:O	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:CD1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:CG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:CG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HD11	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HD12	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HD13	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HG12	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HG13	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HG21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HG22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:HG23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:57:ILE:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:58:LEU:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:CD	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:59:PRO:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:HB2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:HB3	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:71:CYS:SG	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:72:VAL:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:C	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:CA	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:CB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:H	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:HA	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:CA	1:D:74:THR:HB	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:N	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:O	1	1.22
(1,23)	2:C:54:GLY:CA	1:D:74:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:21:PRO:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:22:GLY:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:22:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:22:GLY:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:22:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:22:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:22:GLY:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:22:GLY:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:23:GLY:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:23:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:23:GLY:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:23:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:23:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:23:GLY:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:23:GLY:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:HA	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:H	1:D:26:THR:HB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:26:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:HB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:28:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:CD	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:CG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:HB2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:HB3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:HE21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:HE22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:HG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:HG3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:NE2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:34:GLN:OE1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:CB	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:H	1:D:46:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:46:VAL:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:48:LEU:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HB3	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:56:LEU:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:CD1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:CG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:CG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HD11	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HD12	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HD13	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HG12	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HG13	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HG21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HG22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:HG23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:57:ILE:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HD21	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:58:LEU:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:59:PRO:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:HB2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:HB3	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:71:CYS:SG	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HG22	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:H	1:D:72:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:72:VAL:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:C	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:CA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:CB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:H	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:HA	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:HB	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:N	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:O	1	1.22
(1,23)	2:C:54:GLY:H	1:D:74:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:21:PRO:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:22:GLY:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:22:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:22:GLY:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:22:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:22:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:22:GLY:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:22:GLY:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:23:GLY:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:23:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:23:GLY:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:23:GLY:HA2	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA2	1:D:23:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:23:GLY:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:23:GLY:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:HB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:26:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:HB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:28:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:CD	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:CG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:HB2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:HB3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:HE21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:HE22	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:HG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:HG3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:NE2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:34:GLN:OE1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:46:VAL:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:48:LEU:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:C	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:56:LEU:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:CD1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:CG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:CG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HD11	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HD12	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HD13	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HG12	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HG13	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HG21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HG22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:HG23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:57:ILE:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:CD2	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:58:LEU:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:59:PRO:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:HB2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:HB3	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:71:CYS:SG	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:CG1	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:72:VAL:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:C	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:CA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:CB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:H	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:HA	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:HB	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:N	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:O	1	1.22
(1,23)	2:C:54:GLY:HA2	1:D:74:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:21:PRO:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:22:GLY:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:22:GLY:CA	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA3	1:D:22:GLY:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:22:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:22:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:22:GLY:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:22:GLY:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:23:GLY:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:23:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:23:GLY:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:23:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:23:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:23:GLY:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:23:GLY:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:HB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:26:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:HB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:28:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:CA	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:CD	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:CG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:HB2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:HB3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:HE21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:HE22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:HG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:HG3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:NE2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:34:GLN:OE1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:46:VAL:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HD11	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:48:LEU:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:56:LEU:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:CD1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:CG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:CG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HD11	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HD12	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HD13	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HG12	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HG13	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HG21	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HG22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:HG23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:57:ILE:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:58:LEU:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:59:PRO:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:HA	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:HB2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:HB3	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:71:CYS:SG	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:72:VAL:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:C	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:CA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:CB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:H	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:HA	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:HB	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:N	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:O	1	1.22
(1,23)	2:C:54:GLY:HA3	1:D:74:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:HB2	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:N	1:D:21:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:21:PRO:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:22:GLY:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:22:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:22:GLY:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:22:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:22:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:22:GLY:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:22:GLY:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:23:GLY:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:23:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:23:GLY:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:23:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:23:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:23:GLY:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:23:GLY:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:HB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:26:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:HB	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:N	1:D:28:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:28:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:CD	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:CG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:HB2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:HB3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:HE21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:HE22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:HG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:HG3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:NE2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:34:GLN:OE1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:46:VAL:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:CA	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:N	1:D:48:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:48:LEU:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:56:LEU:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:CD1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:CG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:CG2	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:N	1:D:57:ILE:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HD11	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HD12	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HD13	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HG12	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HG13	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HG21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HG22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:HG23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:57:ILE:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:58:LEU:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:HD3	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:N	1:D:59:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:59:PRO:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:HB2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:HB3	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:71:CYS:SG	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:N	1	1.22
(1,23)	2:C:54:GLY:N	1:D:72:VAL:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:C	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:CA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:CB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:H	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:HA	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:HB	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:N	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:N	1:D:74:THR:O	1	1.22
(1,23)	2:C:54:GLY:N	1:D:74:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:21:PRO:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:22:GLY:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:22:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:22:GLY:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:22:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:22:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:22:GLY:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:22:GLY:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:23:GLY:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:23:GLY:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:23:GLY:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:23:GLY:HA2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:23:GLY:HA3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:23:GLY:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:23:GLY:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:HB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:N	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:O	1:D:26:THR:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:26:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:HB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:28:THR:OG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:CD	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:CG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:HB2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:HB3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:HE21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:HE22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:HG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:HG3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:NE2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:34:GLN:OE1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HG11	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:46:VAL:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:48:LEU:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HD23	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:O	1:D:56:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:56:LEU:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:CD1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:CG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:CG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HD11	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HD12	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HD13	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HG12	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HG13	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HG21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HG22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:HG23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:57:ILE:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:CD1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:CD2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:CG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HB2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HB3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HD11	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HD12	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HD13	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HD21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HD22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HD23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:HG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:58:LEU:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:C	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:O	1:D:59:PRO:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:CD	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:CG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:HB2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:HB3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:HD2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:HD3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:HG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:HG3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:59:PRO:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:HB2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:HB3	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:71:CYS:SG	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:CB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:CG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:CG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HG11	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HG12	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HG13	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HG21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HG22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:HG23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:72:VAL:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:C	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:CA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:CB	1	1.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,23)	2:C:54:GLY:O	1:D:74:THR:CG2	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:H	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:HA	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:HB	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:HG1	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:HG21	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:HG22	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:HG23	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:N	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:O	1	1.22
(1,23)	2:C:54:GLY:O	1:D:74:THR:OG1	1	1.22
(1,3)	1:A:42:MET:C	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:HG23	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:C	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:28:GLY:CA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:C	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:C	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:C	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:C	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:57:ASP:OD2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:C	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:C	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:C	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:CD2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:C	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:C	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:HA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:C	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:C	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:22:THR:OG1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CA	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:28:GLY:HA3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CA	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:HB3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CA	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:CB	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CA	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CA	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CA	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:HD21	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CA	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:CA	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CB	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:C	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CB	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:HE1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CB	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CB	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CB	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HD11	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CB	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:ND2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CB	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:CB	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CE1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CE	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:ND1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CE	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:HB3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CE	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CE	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HD21	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CE	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:CE	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:C	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:CZ	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CG	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:HB3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CG	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:C	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CG	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:N	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CG	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CG	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:HG	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:CG	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:CG	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:CG	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:CD1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:H	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:HB2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:H	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:H	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:H	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:34:SER:O	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:H	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:CD1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:H	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:H	2:B:58:GLU:OE2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:H	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:H	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:C	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:H	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:H	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:H	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CE2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HD2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:CA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HA	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:CB	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HA	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HA	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:CD	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HA	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HA	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HA	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:HZ	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:CD2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HB3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:CG	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HB2	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HB3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:C	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HD13	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HB2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HB3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HB3	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HE1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:CD	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HD11	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HD23	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HD3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HE2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HE1	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:N	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE2	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:HA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HD21	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:56:LEU:O	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HG2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HG3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HE2	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:CA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE3	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:HE21	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:HG	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:CB	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HZ2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:HZ3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HE3	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG2	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:HG3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:C	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:HA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:NZ	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG2	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:72:LYS:O	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HG2	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:HG1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG3	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:O	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG3	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:CD2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:N	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:CA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:CB	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:HG3	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:HG23	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:N	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:28:GLY:CA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:N	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:N	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:N	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:N	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:57:ASP:OD2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:N	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:N	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:N	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:CD2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:N	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:N	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:HA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:N	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:N	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:22:THR:OG1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:O	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:O	2:B:28:GLY:HA3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:O	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:HB3	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:O	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:HE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:CB	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:O	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:O	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:O	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HA	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:O	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:O	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:HD21	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:O	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:ND2	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:O	2:B:74:ASN:OD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:21:PHE:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:CG2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:HB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:HG1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:HG21	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:HG22	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:HG23	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:22:THR:OG1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CB	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CE1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:CZ	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HE1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:HZ	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:23:PHE:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:CD	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:HE21	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:HE22	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:HG2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:HG3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:NE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:26:GLN:OE1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:28:GLY:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:28:GLY:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:28:GLY:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:28:GLY:HA2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:28:GLY:HA3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:28:GLY:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:28:GLY:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:C	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:SD	2:B:34:SER:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:HG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:34:SER:OG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:HG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:46:LEU:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:CD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:CE1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:HD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:HD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:HE1	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:SD	2:B:48:HIS:HE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:ND1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:NE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:48:HIS:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HD11	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:HG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:56:LEU:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:OD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:57:ASP:OD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:CD	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:H	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:SD	2:B:58:GLU:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:HG2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:HG3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:OE1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:58:GLU:OE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:CD	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:CE	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:SD	2:B:59:LYS:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:CD1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:CD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HD11	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HD12	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HD13	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HD21	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HD22	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HD23	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:HG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:71:LEU:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:CD	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:CE	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HD2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HD3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HE2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HE3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HG2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HG3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HZ1	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HZ2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:HZ3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:NZ	1	1.15
(1,3)	1:A:42:MET:SD	2:B:72:LYS:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:C	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:CA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:CB	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:CG	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:H	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:HA	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:HB2	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:HB3	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:HD21	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:HD22	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:N	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:ND2	1	1.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:42:MET:SD	2:B:74:ASN:O	1	1.15
(1,3)	1:A:42:MET:SD	2:B:74:ASN:OD1	1	1.15
(1,4)	1:A:50:LEU:C	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CE1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:C	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:ND1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:C	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:C	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:C	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HD21	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:C	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:C	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:CZ	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CA	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:N	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:HG	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:CA	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CD1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HB2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:34:SER:O	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CB	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:CD1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:58:GLU:OE2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:CB	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CE2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HD2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:CA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:CB	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:CD	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:CD1	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:HZ	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:CD2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:CG	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:CD2	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HD13	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HB2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:CG	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HE1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:CD	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:H	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HD11	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HD23	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:H	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HD3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:H	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HE2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:H	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:H	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:N	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HA	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:HA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HD21	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:56:LEU:O	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HG2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HG3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HA	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:CA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:HE21	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:HG	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:CB	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HZ2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:HZ3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HB2	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:HG3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:HA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:NZ	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB3	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:72:LYS:O	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HB3	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:HG1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:O	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD11	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:CD2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:N	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:CA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:CB	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HD11	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:HG23	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:28:GLY:CA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD12	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:57:ASP:OD2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:CD2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:HA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HD12	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:22:THR:OG1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:28:GLY:HA3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD13	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:CB	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:HD21	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HD13	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CB	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:HE1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HD11	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:ND2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HD21	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CE1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:ND1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HD21	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HD22	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:CZ	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:N	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:HG	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HD23	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CD1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HB2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:34:SER:O	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HG	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:CD1	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:58:GLU:OE2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:C	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:HG	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CE2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HD2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:CA	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:N	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:CB	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:N	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:N	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:CD	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:N	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:N	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:N	2:B:74:ASN:OD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:HZ	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:21:PHE:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:CG2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:HB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:HG1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:HG21	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:HG22	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:HG23	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:22:THR:OG1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:CZ	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:HZ	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:O	2:B:23:PHE:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:23:PHE:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:CD	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:HE21	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:HE22	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:HG2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:HG3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:NE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:26:GLN:OE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:28:GLY:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:28:GLY:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:28:GLY:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:28:GLY:HA2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:28:GLY:HA3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:28:GLY:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:28:GLY:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:HG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:34:SER:OG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:CD2	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:O	2:B:46:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:46:LEU:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:CD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:CE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:HD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:HD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:HE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:HE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:ND1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:NE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:48:HIS:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HB3	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:56:LEU:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:OD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:57:ASP:OD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:CD	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:HG2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:HG3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:OE1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:58:GLU:OE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:CG	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:O	2:B:59:LYS:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:O	2:B:59:LYS:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:CD1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:CD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HD11	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HD12	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HD13	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HD21	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HD22	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HD23	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:HG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:71:LEU:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:CD	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:CE	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:H	1	1.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HD2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HD3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HE2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HE3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HG2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HG3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HZ1	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HZ2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:HZ3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:NZ	1	1.14
(1,4)	1:A:50:LEU:O	2:B:72:LYS:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:C	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:CA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:CB	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:CG	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:H	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:HA	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:HB2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:HB3	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:HD21	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:HD22	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:N	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:ND2	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:O	1	1.14
(1,4)	1:A:50:LEU:O	2:B:74:ASN:OD1	1	1.14
(1,20)	2:C:36:ASN:C	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:21:PRO:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:C	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:28:THR:O	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:C	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HD13	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:CA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:C	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:C	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:CD	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:CG2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CA	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CA	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:CB	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:HB2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:HG21	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CA	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:CA	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:HG21	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CB	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:H	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HD13	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:HG	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:72:VAL:O	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CB	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:CB	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:23:GLY:O	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CG	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:CD1	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:CG	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:22:GLY:HA3	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:H	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:CG	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:H	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HD21	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:57:ILE:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:H	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:H	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:H	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:HD3	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:HG22	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HA	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:CD2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HB	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HA	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:HA	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:C	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:C	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HG21	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:56:LEU:O	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:CD	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:HA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:HB2	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:HA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:CB	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HB3	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HD21	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HG22	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:HB3	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:23:GLY:HA2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD21	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:HE22	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:C	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:CD2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:CG1	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:HD21	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:22:GLY:CA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD22	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:CA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HD11	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HG21	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:HA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:HD22	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:HB2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:N	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:HB	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:N	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:CA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:N	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:CG2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:N	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:HD3	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:N	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:N	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:N	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:N	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:N	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HG11	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HD23	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:C	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:CB	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:ND2	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:23:GLY:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:CB	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:O	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:HB2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:34:GLN:OE1	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:O	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:H	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HD11	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HG12	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:O	1:D:74:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:21:PRO:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:22:GLY:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:22:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:22:GLY:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:22:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:22:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:22:GLY:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:22:GLY:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:23:GLY:C	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:OD1	1:D:23:GLY:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:23:GLY:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:23:GLY:HA2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:23:GLY:HA3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:23:GLY:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:23:GLY:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:HB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:26:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:HB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:28:THR:OG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:CD	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:CG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:HB2	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:HB3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:HE21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:HE22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:HG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:HG3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:NE2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:34:GLN:OE1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:46:VAL:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:HG	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:48:LEU:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:56:LEU:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:CD1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:CG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:CG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HD11	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HD12	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HD13	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HG12	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HG13	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HG21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HG22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:HG23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:57:ILE:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:CA	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:CD1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:CD2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:CG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HB2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HB3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HD11	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HD12	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HD13	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HD21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HD22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HD23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:HG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:58:LEU:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:CD	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:CG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:HB2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:HB3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:HD2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:HD3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:HG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:HG3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:59:PRO:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:HB2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:HB3	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:71:CYS:SG	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:C	1	1.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:CG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:CG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HG11	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HG12	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HG13	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HG21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HG22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:HG23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:72:VAL:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:C	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:CA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:CB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:CG2	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:H	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:HA	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:HB	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:HG1	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:HG21	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:HG22	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:HG23	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:N	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:O	1	1.1
(1,20)	2:C:36:ASN:OD1	1:D:74:THR:OG1	1	1.1
(1,17)	2:B:72:LYS:C	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:C	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:CG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:C	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:53:SER:OG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:C	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:C	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:CG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:C	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:C	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:C	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:HG3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HG2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CA	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HG13	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:CA	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:H	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CB	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:CD1	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:CA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:HB2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CB	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:CB	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HD12	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:HG2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CD	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:CD	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:HD2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CE	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:HG21	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CE	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:CE	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CG	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:N	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CG	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:CG	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:H	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:HE2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:H	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:H	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HG11	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:HG3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:H	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:H	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:H	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:CA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HA	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:CA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:54:PRO:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:H	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HA	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HA	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB2	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:HB2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:N	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB2	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HB2	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:HB2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:N	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB3	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:HB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HB3	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD2	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD2	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:C	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HD2	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:CD	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HD3	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:30:GLU:OE2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:42:MET:SD	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:HG3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:N	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE2	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:CA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HE2	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:HG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:H	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:HB2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HE3	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:CG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HD23	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:OE1	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG2	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:H	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HG2	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:N	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG3	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:HB3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HG3	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HG3	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:CG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:CA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:CG2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ1	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:O	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:N	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:HD3	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HG22	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:82:GLU:OE2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ2	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:HB2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:CG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:CD	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:HG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:HZ3	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:N	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HD21	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:N	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:N	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:N	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:N	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:N	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:HG2	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:CG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:53:SER:OG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:HA	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:HG23	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:NZ	1:A:83:SER:OG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:29:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:O	1:A:30:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:30:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:HG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:36:SER:OG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:37:PRO:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:CE	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:CG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:O	1:A:42:MET:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HE1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HE2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HE3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:HG3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:42:MET:SD	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:CD1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:CD2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:CG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HD11	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HD12	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HD13	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HD21	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HD22	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HD23	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:HG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:50:LEU:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:HG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:53:SER:OG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:O	1:A:54:PRO:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:CD	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:CG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:HD2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:HD3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:HG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:HG3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:54:PRO:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:CG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:60:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:71:CYS:SG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:CB	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:O	1:A:72:VAL:CG1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:CG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HG11	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HG12	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HG13	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HG21	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HG22	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:HG23	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:72:VAL:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:HB1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:73:ALA:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:CG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:HB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:HG1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:HG21	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:HG22	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:HG23	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:74:THR:OG1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:CD	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:CG	1	1.05

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:72:LYS:O	1:A:82:GLU:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:HG2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:HG3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:OE1	1	1.05
(1,17)	2:B:72:LYS:O	1:A:82:GLU:OE2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:C	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:CA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:CB	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:H	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:HA	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:HB2	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:HB3	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:HG	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:N	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:O	1	1.05
(1,17)	2:B:72:LYS:O	1:A:83:SER:OG	1	1.05
(1,24)	2:C:60:MET:C	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:C	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:C	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:22:GLY:O	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:C	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:C	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:C	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:HA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:C	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:HD23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:C	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:C	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:C	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:71:CYS:SG	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:C	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:C	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:HG3	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CA	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:N	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CA	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HD12	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:C	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CA	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:CA	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:CB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CB	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:CB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CB	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:HG23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CB	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:CA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CB	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:HA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CB	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:HG1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CB	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:CB	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:HG1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CE	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:CG2	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CE	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HD12	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HD23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CE	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:72:VAL:N	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CE	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:CE	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:23:GLY:N	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CG	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:HG3	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CG	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:CB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CG	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:CG	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:22:GLY:HA2	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:H	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:H	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:H	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:H	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:CD	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:H	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HD13	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:H	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:HG23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:H	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:HB3	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:H	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:H	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:HD2	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HA	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:HG21	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HA	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:CD1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HA	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:HG3	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HA	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HA	1:D:74:THR:OG1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:26:THR:OG1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB2	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HG13	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:N	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB2	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:CB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB2	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HB2	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB3	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:CA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HB2	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HD13	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HG21	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HB3	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:23:GLY:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE1	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:HE21	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:48:LEU:O	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:CD1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:CB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HE1	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:22:GLY:C	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE2	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:C	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HB3	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HG13	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HE2	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:HA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:HA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE3	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:C	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:CG1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:HD2	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:HG23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HE3	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HE3	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:HG23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG2	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HD22	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:58:LEU:O	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:CA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG2	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HG2	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:CA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG3	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:O	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG3	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:CG	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HB3	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HG11	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:HG3	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:N	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:N	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:22:GLY:O	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:N	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:N	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:N	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:HA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:N	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:HD23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:N	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:C	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:N	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:71:CYS:SG	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:N	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:N	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:HG3	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:O	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:O	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:O	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:O	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:O	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:N	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:O	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:H	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:O	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HD12	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:O	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:C	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:O	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:HG1	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:O	1:D:74:THR:OG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:CB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:SD	1:D:21:PRO:CD	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:CG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:21:PRO:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:22:GLY:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:22:GLY:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:22:GLY:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:22:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:22:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:22:GLY:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:22:GLY:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:23:GLY:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:23:GLY:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:23:GLY:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:23:GLY:HA2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:23:GLY:HA3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:23:GLY:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:23:GLY:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:CG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:HB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:HG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:HG21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:HG22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:HG23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:26:THR:OG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:CB	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:SD	1:D:28:THR:CG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:HB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:HG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:HG21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:HG22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:HG23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:28:THR:OG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:CD	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:CG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:HB2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:HB3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:HE21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:HE22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:HG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:HG3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:NE2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:34:GLN:OE1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:HG23	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:SD	1:D:46:VAL:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:46:VAL:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:CG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:HG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:48:LEU:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:CG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:HG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:56:LEU:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:CA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:SD	1:D:57:ILE:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:CD1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:CG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:CG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HD11	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HD12	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HD13	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HG12	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HG13	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HG21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HG22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:HG23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:57:ILE:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:CD1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:CD2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:CG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HB2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HB3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HD11	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HD12	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HD13	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HD21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HD22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HD23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:HG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:58:LEU:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:CD	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:CG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:HA	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:SD	1:D:59:PRO:HB2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:HB3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:HD2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:HD3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:HG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:HG3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:59:PRO:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:HB2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:HB3	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:71:CYS:SG	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:CG1	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:CG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HG11	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HG12	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HG13	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HG21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HG22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:HG23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:72:VAL:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:C	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:CA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:CB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:CG2	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:H	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:HA	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:HB	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:HG1	1	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,24)	2:C:60:MET:SD	1:D:74:THR:HG21	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:HG22	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:HG23	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:N	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:O	1	0.99
(1,24)	2:C:60:MET:SD	1:D:74:THR:OG1	1	0.99
(1,73)	1:D:93:PRO:HB2	2:C:75:GLU:HB2	1	0.87
(1,73)	1:D:80:PRO:HB2	2:C:75:GLU:HB3	1	0.87
(1,73)	1:D:93:PRO:HB3	2:C:70:GLU:HB2	1	0.87
(1,73)	1:D:80:PRO:HB3	2:C:70:GLU:HB3	1	0.87
(1,42)	1:A:38:GLN:HB2	2:B:29:ARG:HB2	1	0.83
(1,42)	1:A:38:GLN:HB3	2:B:25:ARG:HB2	1	0.83
(1,35)	1:D:72:VAL:C	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:C	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:C	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:N	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:C	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:CG1	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:C	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:C	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:C	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:82:GLU:OE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:C	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:C	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:NH2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CA	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HD23	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:60:MET:O	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CA	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:72:LYS:O	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CA	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HH11	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:ND2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HB3	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HG2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:C	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CB	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:H	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:HB3	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CG1	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:N	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HG13	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:54:GLY:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG2	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:C	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:C	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HD21	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:CG2	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:H	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:CG1	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:H	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HG13	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HD13	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:H	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HD1	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:H	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:H	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:N	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:CG1	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:82:GLU:OE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HA	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:NH2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HB	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HD23	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:60:MET:O	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HB	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:72:LYS:O	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HB	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HH11	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:ND2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HB3	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HG2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:C	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG11	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:H	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:HB3	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG12	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:N	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HG13	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:54:GLY:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG13	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:C	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:C	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HD21	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG13	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:CG1	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HG13	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HD13	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HD1	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:H	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG21	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:N	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:CG1	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:82:GLU:OE2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG22	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:NH2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG23	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:CG	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HD23	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:O	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG23	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:72:LYS:O	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:HG23	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HH11	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:N	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:ND2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:N	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:HB3	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:N	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HG2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:N	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:C	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:N	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:N	2:C:83:LEU:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:CD	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:CZ	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HB2	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HD3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HE	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HG3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HH11	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HH12	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HH21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:HH22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:NE	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:NH1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:NH2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:29:ARG:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:O	2:C:30:LYS:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:H	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:O	2:C:36:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:36:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:37:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:42:VAL:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:O	2:C:50:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:50:LEU:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:CG1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:CG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HG11	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HG12	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HG13	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HG21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HG22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:HG23	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:53:VAL:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:54:GLY:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:54:GLY:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:54:GLY:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:54:GLY:HA2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:54:GLY:HA3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:54:GLY:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:54:GLY:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:CA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:O	2:C:60:MET:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:CE	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HE1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HE2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HE3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:HG3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:60:MET:SD	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:71:LEU:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:CD	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:CE	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HA	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HD3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HE2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HE3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HG3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HZ1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HZ2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:HZ3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:NZ	1	0.69
(1,35)	1:D:72:VAL:O	2:C:72:LYS:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CD1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CE1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CE2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:CZ	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HD1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HE1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HE2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:HZ	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:73:PHE:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:HB3	1	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,35)	1:D:72:VAL:O	2:C:74:ASN:HD21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:HD22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:ND2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:74:ASN:OD1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:CD	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:HG2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:HG3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:O	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:OE1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:82:GLU:OE2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:C	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:CA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:CB	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:CD1	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:CD2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:CG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:H	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HA	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HB2	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HB3	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HD11	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HD12	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HD13	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HD21	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HD22	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HD23	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:HG	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:N	1	0.69
(1,35)	1:D:72:VAL:O	2:C:83:LEU:O	1	0.69
(1,36)	1:D:74:THR:C	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:C	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:C	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:N	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:C	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:C	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:C	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:HG13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:C	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:54:GLY:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:C	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:C	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:C	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:C	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:C	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:C	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:C	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HD21	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:C	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:C	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HE2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:CA	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:CG1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CA	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HG13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HD13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:CA	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HD1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:H	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:CA	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:CG	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CB	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:CB	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:N	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CB	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:CG1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CB	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:CG	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CB	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:CB	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CE2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:82:GLU:OE2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CB	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:CB	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:NH2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CG2	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:CG	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HD23	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:60:MET:O	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CG2	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:72:LYS:O	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:HB2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:CG2	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HH11	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:H	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:H	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:H	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:ND2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:H	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:H	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HB2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:H	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:H	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:H	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:HB3	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:H	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HG2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:H	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:H	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:H	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:H	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:H	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HB2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HA	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:H	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HA	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HA	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HA	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HA	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:HB3	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HA	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:HA	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HB	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:N	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HB	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HB	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HG13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:54:GLY:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HB	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HB	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HB	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HB	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HD21	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:HB	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HE2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:CG1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HG13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HD13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HD1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:H	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG1	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:CG	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:N	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:CG1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:CG	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CE2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:82:GLU:OE2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG21	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:NH2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG22	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:CG	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HD23	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:60:MET:O	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG22	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:72:LYS:O	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:HB2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG22	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HH11	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:ND2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HB2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HB3	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HG2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:HG23	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HB2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:N	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:N	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:N	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:H	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:N	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:N	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:N	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:N	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:N	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:N	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:N	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:N	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:HB3	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:N	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:N	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:N	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:O	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:O	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:N	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:O	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:O	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:O	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:HG13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:O	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:54:GLY:CA	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:O	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:O	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:O	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:O	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:O	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HD1	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:C	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:O	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:O	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:H	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HD21	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:O	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:O	2:C:83:LEU:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:CD	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:CZ	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HD3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HE	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HG3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HH11	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HH12	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HH21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:HH22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:NE	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:NH1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:NH2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:29:ARG:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:CD	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:CE	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HE2	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:30:LYS:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:36:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:CD	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:37:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:CG1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HG13	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:42:VAL:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:HG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:50:LEU:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:CG1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:CG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HG11	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HG12	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HG13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HG21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HG22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:HG23	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:53:VAL:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:54:GLY:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:54:GLY:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:54:GLY:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:54:GLY:HA2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:54:GLY:HA3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:54:GLY:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:54:GLY:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:CE	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HE1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HE2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HE3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:HG3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:60:MET:SD	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HD13	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:HG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:71:LEU:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:CD	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:CE	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HD3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HE2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HE3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HG3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HZ1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HZ2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:HZ3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:NZ	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:72:LYS:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CD1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CE1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CE2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:CZ	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HD1	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HE1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HE2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:HZ	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:73:PHE:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:HD21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:HD22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:ND2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:74:ASN:OD1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:CD	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:H	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:HG2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:HG3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:O	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:OE1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:82:GLU:OE2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:C	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:CA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:CB	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:CD1	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:CD2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:CG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:H	1	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HA	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HB2	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HB3	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HD11	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HD12	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HD13	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HD21	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HD22	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HD23	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:HG	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:N	1	0.5
(1,36)	1:D:74:THR:OG1	2:C:83:LEU:O	1	0.5
(2,24)	1:D:42:MET:HB2	2:C:52:ASP:HB2	1	0.41
(2,24)	1:D:42:MET:HB2	2:C:52:ASP:HB3	1	0.41
(2,24)	1:D:42:MET:HB3	2:C:57:ASP:HB2	1	0.41
(2,24)	1:D:42:MET:HB3	2:C:57:ASP:HB3	1	0.41

10 Dihedral-angle violation analysis

No dihedral-angle restraints found